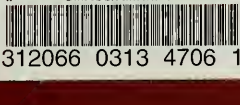


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setts Index and donated in the
interest of paying tribute to those
who have created the history and
traditions existing at the University
of Massachusetts.*

ALEXANDER DEAN, *Editor-in-chief*

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1728

JAS. B. PAIGE,
AMHERST,
MASS.

THE TUTTLE COMPANY
Printers and Binders
RUTLAND, VT.

The INDEX

An Annual Published by
the JUNIOR CLASS of the
MASSACHUSETTS AGRICULTURAL COLLEGE

AMHERST
MASSACHUSETTS
FEBRUARY 17, NINETEEN
HUNDRED SEVEN
1908

VOLUME XXXVIII

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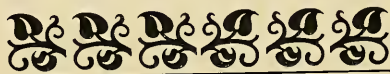
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INDEX

GREETING



With wind and sunshine, rain and sleet,
And drifting snows; the hours fleet,
Of pleasure, sorrow, joy and care,
Of one more year are past and gone:
Lord, grant that each his best hath done.

And now dear friends, as thee we greet,
May this, our work, approval meet.
For now we place it in thine hands;
Such record of our toil and thoughts
As in its passing hath been caught.



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WITH AFFECTION AND
LOYALTY WE DEDICATE
THIS BOOK TO
RICHARD SWANN LULL



R. S. Luce



Richard Swann Lull



MERSON has said: "The universe has three children, born at one time—the Knower, the Doer and the Sayer. These stand respectively for the love of Truth, for the love of God and for the love of Beauty. Each of these three has the powers of the others latent in him,—his own, patent." To each man, following out his own instincts, comes the choice which of these three shall be his inheritance.

The class of Nineteen Hundred Eight has elected to dedicate this book to one who chose for his lot the knowing, the pressing on to one field of research after another, that he might read what Nature has written of her history upon the earth's face.

Richard Swann Lull was born with the love of the sea in his veins, while in his father, Captain Edward Phelps Lull, U. S. N., he had a most illustrious example of patriotism. With all the traditions of his family calling him to the life militant, it may seem strange that Dr. Lull chose rather to study the records of the warfare between the primal forces of creation. Perhaps, as in the case of Agassiz.

"Nature, the old nurse, took
The child upon her knee,
Saying, 'Here is a story book
The Father has written for thee,'"

Born in Annapolis, Md. thirty-nine years ago, Dr. Lull was prepared for college at the State Model School, Trenton, N. J. He entered Rutgers College with the class of 1892, but dropped his college work for a year, to engage in teaching. Returning to college, he elected the course in Biology, and was graduated with the class of 1893, receiving the degree of B. Sc. In 1896, he took his Master's degree from Rutgers, and in 1903, was awarded the degree of Doctor of Philosophy by Columbia.

Following his graduation, Dr. Lull obtained the appointment of Special Agent of the Division Entomology, with headquarters at the Maryland Experiment Station. Six months later he was appointed Assistant Professor of Zoology, at the Massachusetts Agricultural College, as well as Curator of the Museum, being advanced to the Associate Professorship in 1903.



During his career at this college, Dr. Lull has steadily pushed forward in his work as an investigator. One summer was spent at the Biological Laboratory at Cold Spring Harbor, while on the invitation of the American Museum of Natural History, Dr. Lull spent two summers working among the fossil deposits of the Bad Lands..

Among the published results of his investigations are—"Memoir on the Fossil Footprints of the Jura-trias of North America;" a monograph on "The Ceratopsia," (with J. B. Hatcher); articles on "Adaptive Radiation in Vertebrates," published in the American Naturalist, as well as frequent contributions to The American Museum Bulletin, The Journal of Geology, and others.

In June of 1906, Dr. Lull accepted an appointment to Yale University as Assistant Professor of Vertebrate Paleontology, and Associate Curator of Vertebrate Paleontology in the Peabody Museum. Because of the wider field, the greater opportunity, Dr. Lull is to be congratulated upon his new station. Equally should Yale be congratulated that she has added to her corps of instructors a man with whom Massachusetts most reluctantly parts.

To the quality of his work at the Massachusetts Agricultural College, a host of enthusiastic students speak most eloquently. Another witness, silent, but none the less eloquent, may be found in the results of his curatorship of the Museum. His influence has been felt in all departments of college life, and always for good. With a keen love for the out-door life, he sympathized most heartily with the athletic interests of the college, while the weight of his influence has been thrown toward clean sport and the love of the sport for itself rather than as a means of self-aggrandizement.

What records of the early days may still be hidden within the earth, unread, one cannot know. But it is certain that, in the future as in the past, Dr. Lull will work on steadily in the path that he has chosen, "Searching Nature's secrets far and deep."

For what he has given the college through all his years of service here, we rejoice, to his career in the future we look with anticipation, and with all good wishes for his success.

When "through many a year his fame has grown," we, his associates at the Massachusetts Agricultural College, passed far beyond those days but not beyond their memory, shall hold in pleasant recollection the years when we were all workers together.

Philip Berrier Hasbrouck.

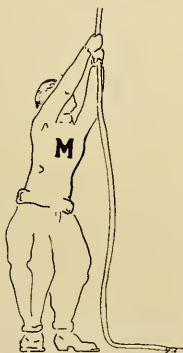


CALENDAR

DECEMBER 19, 1906 WEDNESDAY TO JANUARY 2, 1907,
WEDNESDAY Winter Recess
JANUARY 2, 1907 WEDNESDAY.

FEBRUARY 6, WEDNESDAY, Fall Semester resumed at 8 A. M.
FEBRUARY 7, THURSDAY, Fall Semester Ends
MARCH 27, WEDNESDAY TO APRIL 2, TUESDAY, Spring Recess
APRIL 2, WEDNESDAY, Spring Semester begins at 8 A. M.
JUNE 19, WEDNESDAY, Spring Semester resumed at 8 A. M.
Commencement Exercises

VACATION THIRTEEN WEEKS
SEPTEMBER 19, THURSDAY, Fall Semester at 8 A. M.





Foreword



THE 1908 INDEX BOARD for the Junior Class presents this, the thirty-eighth volume of the INDEX. In compiling the book two main objects were kept in view. In the first place, to make it a class book, a book to which the men of 1908 may turn in future days and find chronicled and pictured therein the many happenings and incidents which go to make the days spent in college the happiest days in life. Secondly, to picture, in a more general way, the life of the college as a whole in a manner that will be pleasing to the student body, interesting to the general public, and instructive to secondary school men who are considering the choice of a college.

If we have succeeded in doing these things, the work is a success. The reader must decide.

Finally, we earnestly thank every person who by thought, word, or deed, has helped to make the book less unworthy of "Old Massachusetts."



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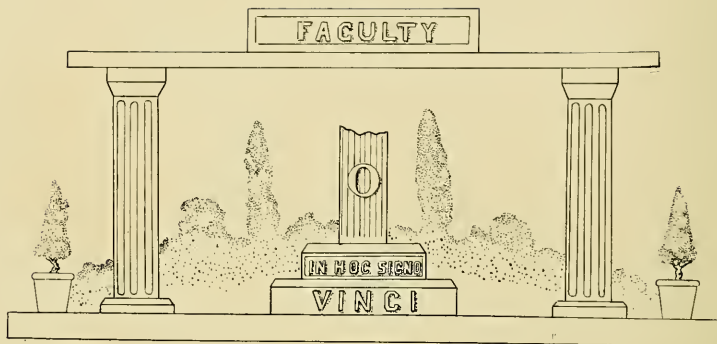
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Dean of the college of Liberal Arts

JOHN P. SUTHERLAND, M.D.
Dean of the School of Medicine



KENYON L. BUTTERFIELD, A.M., *President of the College.*



Born 1868. B. S. Michigan Agricultural College, 1891. Assistant Secretary, Michigan Agricultural College, 1891-92. Editor of the *Michigan Grange Visitor*, 1892-95. Editor Grange Department *Michigan Farmer*, 1895-1903. Superintendent Michigan Farmers' Institutes, 1895-99. Field Agent Michigan Agricultural College, 1896-99. Graduate student, University of Michigan, 1900-02. A.M., University of Michigan, 1902. Instructor in Rural Sociology, University of Michigan, 1902-03. President of R. I. College of Agriculture and Mechanic Arts, 1903-06.

CHARLES A. GOESSMANN, Ph.D., LL.D., *Professor of Chemistry and Chemist for the Hatch Experiment Station.*



Born 1827. Ph.D., University of Göttingen, 1853. LL.D., Amherst College, 1889. Assistant Chemist, University of Göttingen, 1852-57. Chemist and Manager of a Philadelphia Sugar Refinery, traveling extensively in Cuba and the South in the interests of the Sugar industry, 1857-61. Chemist to Onondaga Salt Company, 1861-68, during that time investigating the salt resources of the United States and Canada. Professor of Chemistry, Rensselaer Polytechnic Institute, 1862-64. Director of Massachusetts Agricultural Experiment Station, 1882-94. Professor of Chemistry, Massachusetts Agricultural College since 1868. Analyst of the State Board of Health since 1884.



CHARLES WELLINGTON, M.A., Ph.D., *Associate Professor of Chemistry.*

Born 1853. Massachusetts Agricultural College, 1873, K Σ. Graduate student in Chemistry, Massachusetts Agricultural College 1873-76. Student in University of Virginia, 1876-77. Ph.D., University of Goettingen, 1885. Assistant Chemist, United States Department of Agriculture, Washington, D. C., 1876. First Assistant Chemist, Department of Agriculture, 1877-82. Associate Professor of Chemistry at Massachusetts Agricultural College since 1885.



CHARLES H. FERNALD, M.A., Ph.D., *Professor of Zoology, and Entomologist for Hatch Experiment Station.*

Born 1838. Bowdoin College, 1865. Ph.D., Maine State College, 1886. Studied in the Museum of Comparative Zoology at Cambridge, and under Louis Agassiz on Penckese Island. Also travelled extensively in Europe, studying insects in various museums. Principal of Litchfield Academy, 1865. Principal of Houlton Academy, 1865-70. Chair of Natural History, Maine State College, 1871-86. Professor of Zoology at Massachusetts Agricultural College since 1886.



WILLIAM P. BROOKS, Ph.D., *Director of the Hatch Experiment Station. Professor of Agriculture and Agriculturist for Hatch Experiment Station. Director of Short Winter Courses.*

Born 1851. Massachusetts Agricultural College, 1875, Φ Σ K. Post-graduate, Massachusetts Agricultural College, 1875-76. Professor of Agriculture and Director of Farm, Imperial College of Agriculture, Safforo, Japan, 1877-78; also Professor of Botany, 1881-88. Acting President, Imperial College, 1880-83, and 1886-87. Professor of Agriculture at Massachusetts Agricultural College, and Agriculturist for the Hatch Experiment Station since January, 1889. Ph. D., Halle, 1897. Acting President of the College and Acting Director of the Hatch Experiment Station, 1905-6. Director of Hatch Experiment Station, 1906.



GEORGE F. MILLS, M.A., *Professor of English and Latin.*

Born 1839. Williams College, 1862. Α Δ Φ. Associate Principal of Greylock Institute, 1882-89. Professor of English and Latin at Massachusetts Agricultural College since 1890.





JAMES B. PAIGE, D.V.S., *Professor of Veterinary Science, and Veterinarian for Hatch Experiment Station.*

Born 1861. Massachusetts Agricultural College, 1882. Q. T. V. On farm at Prescott, 1882-87. D. V. S., Faculty of Comparative Medicine and Veterinary Science, McGill University, 1888. Practiced at Northampton, 1888-91. Professor of Veterinary Science at Massachusetts Agricultural College since 1891. Took course in Pathological and Bacteriological Department, McGill University, summer 1891. Took course in Veterinary School in Munich, Germany, 1895-96.



GEORGE E. STONE, Ph.D., *Professor of Botany and Botanist for Hatch Experiment Station.*

Born 1861. Massachusetts Agricultural College, 1882-84. $\Phi\Sigma K$, Massachusetts Institute of Technology, 1884-89. In the summer of 1890, in charge of the Botany Classes at Worcester Summer School of Natural History. Leipzig University, 1891-92; Ph.D., 1892. Studied in the Physiological Laboratory at Clark University, 1893. Assistant Professor of Botany at Massachusetts Agricultural College, 1893-95. Professor of Botany at Massachusetts Agricultural College since July, 1895. B.S., Massachusetts Agricultural College, 1897.



JOHN E. OSTRANDER, M.A., C.E., *Professor of Mathematics and Civil Engineering.*

Born 1865. B.A. and C.E., Union College 1886; M.A., 1889. Assistant on Sewer Construction, West Troy, N. Y., 1886. Assistant on Construction, Chicago, St. Paul and Kansas City Railway, 1887. Draughtsman with Phoenix Bridge Company, 1887. Assistant in Engineering Department, New York State Canals, 1888-91. Instructor in Civil Engineering, Lehigh University, 1891-92. Engineering for Contractor Alton Bridge, summer of 1892. Professor of Civil Engineering and Mechanic Arts, University of Idaho, 1892-97. Professor of Mathematics and Civil Engineering at the Massachusetts Agricultural College since July, 1897.



HENRY T. FERNALD, M.S. Ph.D., *Professor of Entomology and Associate Entomologist for the Hatch Experiment Station.*

University of Maine, 1885; BOH, $\Phi K\Phi$, M.S., 1888. Graduate student in Biology, Wesleyan University, 1885-86. Graduate student Johns Hopkins University 1887-90. Laboratory Instructor Johns Hopkins University, 1889-90. Ph.D., Johns Hopkins University, 1890. Professor of Zoology, Pennsylvania State College, 1890-99. State Economic Zoologist of Pennsylvania, 1898-99. Professor of Entomology, Massachusetts Agricultural College, and Associate Entomologist, Hatch Experiment Station, since 1899.



FRANK A. WAUGH, M.S., *Professor of Horticulture and Landscape Gardening.*

Born 1869. Kansas Agricultural College, 1891. KΣ. M.S., 1893. Graduate student Cornell University, 1898-99. Editor Agricultural Department, *Topeka Capitol*, 1891-92. Editor *Montana Farm and Stock Journal*, 1892. Editor *Denver Field and Farm*, 1892-93. Professor of Horticulture, Oklahoma Agricultural and Mechanical College, and Horticulturist of the Experiment Station, 1893-95. Professor of Horticulture University of Vermont and State Agricultural College, and Horticulturist of the Experiment Station, 1895-1902. Professor of Horticulture and Landscape Gardening, Massachusetts Agricultural College, and Horticulturist of the Hatch Experiment Station since 1902. Horticultural editor of *Country Gentleman* since 1898.



GEORGE C. MARTIN, C.E., *Captain 18th Infantry, United States Army. Professor of Military Science.*

Born 1869. C.E., University of Vermont, 1892. ΣΦ. With *Engineering News*, 1895-97. Entered Army July 9, 1898, as 2d Lieutenant of 21st U. S. Infantry. Promoted to 1st Lieutenant of 2d U. S. Infantry, March 2, 1899; promoted to Captain of 18th U. S. Infantry, August 26, 1903. Placed on duty at Massachusetts Agricultural College by order of the Honorable, the Secretary of War, September 1, 1905.



PHILIP B. HASBROUCK, B.S. *Associate Professor of Mathematics, Adjunct Professor of Physics.*

Born 1870. B.S., Rutgers College, 1893. ΧΨ. Assistant Professor of Mathematics at Massachusetts Agricultural College from April, 1895-1902. Associate Professor of Mathematics since 1902. Registrar since June, 1905.



FRED S. COOLEY, B.S., *Assistant Professor of Agriculture.*

Born 1869. B.S., Massachusetts Agricultural College, 1888. ΦΣΚ. Teacher in Public School at North Amherst, 1888-89. Assistant Agriculturist at Hatch Experiment Station, 1889-90. Farm Superintendent at Massachusetts Agricultural College, 1890-93. Assistant Professor of Animal Husbandry and Dairying.





S. FRANCIS HOWARD, M.S., *Assistant Professor of Chemistry.*

Born 1872. B.S., Massachusetts Agricultural College, 1894. $\Phi\Sigma\K$. Principal of Eliot, Maine, High School, 1895. Student of Philosophy, Johns Hopkins University, 1896-98. Assistant Professor of Chemistry at Massachusetts Agricultural College since July, 1899. M.S., Massachusetts Agricultural College, 1901.



CLARENCE EVERETT GORDON, *Associate Professor in Zoology and Geology.*

Born 1876. B.S., Massachusetts Agricultural College, 1901. Student Clark University, summer session 1901-03. Science Instructor, Cushing Academy, Ashburnham, Mass., 1901-04. Graduate student in Geology and Zoology, Columbia University, 1904-05. A.M., Columbia University, 1905. Instructor in Geology, summer session Columbia University, 1905. University Fellow in Geology, Columbia University, 1905-06. Assistant Professor in Zoology and Geology, Massachusetts Agricultural College, 1906.



LOUIS ROWELL HERRICK, B.S., *Instructor in Modern Languages.*

Born 1880. B.S., Amherst College. $\Phi\Delta\Theta$. Instructor in Modern Languages at Massachusetts Agricultural College since September, 1902.



GEORGE N. HOLCOMB, B.A., S.T.B., *Instructor in Economics and History.*

Born 1872. Trinity College, 1896. Philadelphia Divinity School, 1900. Graduate student in American Institutional and Political History at University of Pennsylvania, 1900-01. Graduate student in History and Economics, Harvard University, 1901-03. Williams Fellow, Harvard Union, S. T. B., Harvard, 1903. Then engaged in agricultural work. Instructor in Economics and Constitutional History, Connecticut Agricultural College. Instructor in Economics in Massachusetts Agricultural College since September, 1905.



ROBERT WILSON NEAL, A.B., A.M., *Assistant Professor of English, and Instructor in German.*

Born 1873. B.A., University of Kansas, 1897. M.A., Harvard. ΦBK. Member of the Bar, Kansas. Assistant in English, University of Kansas, 1898-99. Yale Graduate School, 1899-1901. Teacher, Wallingford, Conn., High School, 1900-01. Instructor in English, University of Cincinnati, 1901-02. Harvard Graduate School, 1902-03. Head of English Department, Rutgers College and Rutgers Scientific School, 1903-04. Editorial Department "The World's Work," 1904-06. Massachusetts Agricultural College, 1906.



A. VINCENT OSMUN, B.S., M.S., *Instructor in Botany.*

Born 1880. Connecticut Agricultural College, 1900. Assistant Storrs Agricultural Experiment Station, 1900-02. Massachusetts Agricultural College, 1903. Q. T. V. ΦKΦ. M.S., Massachusetts Agricultural College, 1905. Instructor in Botany, Massachusetts Agricultural College since 1905.



FRANCIS O. CANNING, *Instructor in Floriculture and Greenhouse Management.*

Born 1868. Belvoir Castle Gardens, England, 1883-89. Superintendent of Propagating and Plant Department, Horticultural Hall, Fairmont Park, Philadelphia, Pa., 1889-95. Superintendent of the estate of Mrs. Charles F. Berwind, Wynnewood, Pa., 1896-1900. Superintendent of the estate of Samuel T. Bodine, Villa Nova, Pa., 1900-03. Massachusetts Agricultural College since April 1903.



SIDNEY B. HASKELL, B.S., *Instructor in Agriculture.*

Born 1881. C.S.C. ΦKΦ. Massachusetts Agricultural College, 1904. Assistant Agriculturist, Hatch Experiment Station, June, 1904, to July, 1906. Instructor in Agriculture since September, 1905.





C. P. HALLIGAN, B.S., *Instructor in Drawing and Assistant
Experimental Horticulturist Hatch Experiment Station.*

Born 1881. Massachusetts Agricultural College, 1903. KΣ.

ROBERT W. LYMAN, B.S. LL.B. *Lecturer on Farm Law.*

Massachusetts Agricultural College, 1871. Q. T. V. Boston University, 1879. Registrar of Deeds, Hampshire County. District Judge.

PHILIP B. HASBROUCK, B.S., *Registrar.*

E. FRANCIS HALL, *Librarian.*





STONE CHAPEL



Graduate Students

| | | |
|---|--------------------|-----------------|
| BACK, ERNEST ADNA | Florence, | Wallace's |
| B.Sc., Massachusetts Agricultural College, 1904 | | |
| FRANKLIN, HENRY JAMES | Bernardston, | Wallace's |
| B.Sc., Massachusetts Agricultural College, 1903 | | |
| LADD, EDWARD THORNDIKE | Winchester, | 75 Pleasant |
| B.Sc., Massachusetts Agricultural College, 1905 | | |
| MONAHAN, NIEL FRANCIS | | Amherst |
| B.Sc., Massachusetts Agricultural College, 1903 | | |
| SMITH, PHILIP HENRY | Amherst, | 102 Main St. |
| B.Sc., Massachusetts Agricultural College, 1897 | | |
| RUSSELL, HARRY MERWIN, | Bridgeport, Conn., | 96 Pleasant St. |
| B.Sc., Massachusetts Agricultural College, 1906 | | |
| HOOKE, CHARLES | | North East St. |

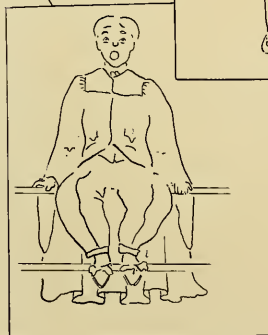
Special Students

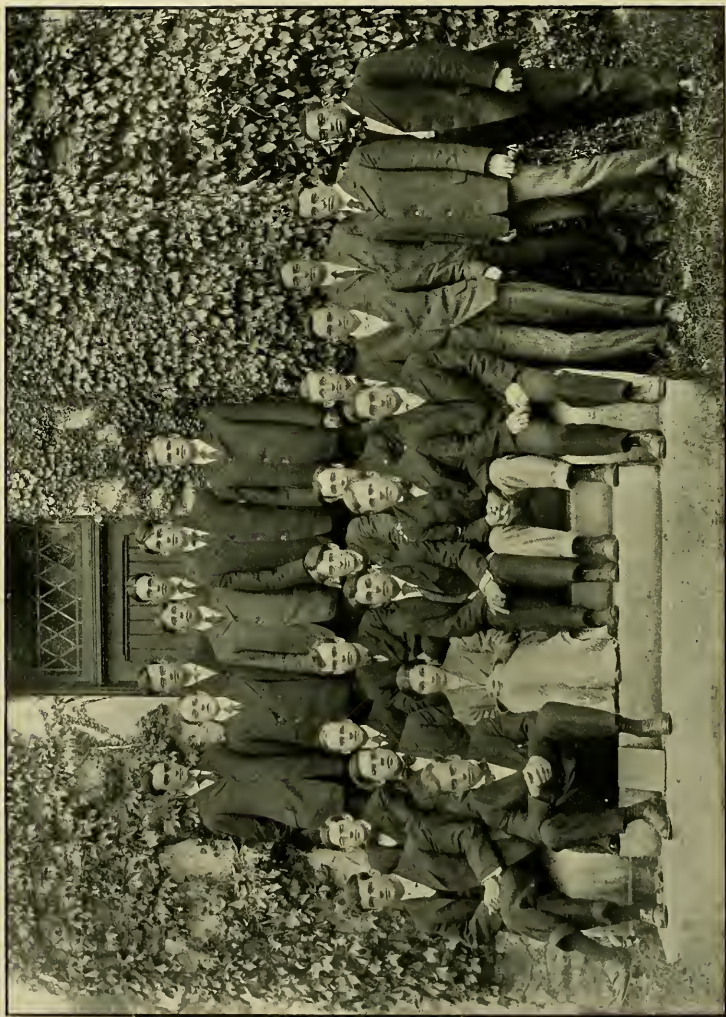
| | | |
|----------------------|--------------|-----------|
| TURNER, JAMES ARTHUR | Springfield, | Gaulden's |
|----------------------|--------------|-----------|





Senior
Class







Senior Class History



WHO READS the class histories in the Index cannot help being impressed by certain features. The freshman history is filled with nervous expectancy and anticipation for the class really exists in the future. The Sophomore historian writes with all the enthusiasm which the emancipation from Freshman bonds brings to him and the class which he represents. The history of the Junior Class outlines those incidents occurring when it was a part

of "the other half," and is characterized by the dignity of which plug hats and corduroys and canes are only the symbols. With the Seniors it is yet different. One who writes the history of the highest class in college feels only too vividly that it is the last account of his class which will appear in the annual—next year he, and his classmates, will be numbered among the alumni. The ambitions and desires of the freshman, the wise foolishness of the sophomore and the ostentatious dignity of the junior roll in upon him and, together with that large interrogation point looming above the horizon whence lieth the next commencement, are apt to tinge his writings with a sadness and misanthropy quite out of place in an historical sketch.

Of no class is this more true than of 1907. Three years ago we first became a part of that unit which is the student-body of Massachusetts. Then we were filled with bright plans for our coming college career. The future stood before us unrevealed, but flushed with the roseate dawn of a new day. Now, as our sun has passed its meridian and is sinking in all its crimson glory to illuminate a new world beyond this sphere, we pause a moment to consider the work which we have accomplished and to express our regret at the feats which we have not achieved and which must be left to our successors.

It is not my intention to describe our career during the first two years in college for my predecessors have ably performed that task. Our records during the constructive age as freshmen and the destructive age as sophomores are given indelibly on the pages of the Index. Rather is it my task to recount our experiences as juniors during the past year. We found an interesting and willing class waiting last fall to be inducted into college life and, thanks to "Shorty" and other members of our victorious rope-pull teams, '09 easily defeated their opponents in the tug-of-war. Besides guiding the freshmen in the right paths we got out our Index and is not that a sufficiently difficult task for one year? One or two disappointments awaited us as juniors. The greatest of these was the failure of Tabby's renowned Chemical Trip to materialize. Anxiously we awaited the visit to the pulp mills and breweries, down the river, but in vain. To make up for this there was the



banquet tended, to us, by '09, in New York City, an entirely unsurpassed affair for the junior year. Truly volumes might be written of it, how many of our staid classmates from Abe down to Chimmie and Chauncey flew off on a tangent, in the big city—but let us charitably draw the curtain upon that never-to-be-forgotten episode of our college life.

And so our junior year rapidly passed. We waded through Seager in Political Economy and most of us skidded through the Kid's course in Mineralogy on averages of 65 and 70. This fall when we strolled down to the bald-headed row in chapel we found three more of our bunch numbered among the "unreturning brave." And thus it is that from sixty-six, we have diminished to twenty-five in number. Our freshman historian prophetically said:—"Watch us grow not in numbers but in strength." The intricacies of the course of study in the first two years have entangled many of our number and the mastery of the physics course was accomplished by some of us, only as the whistle blew for the last time. But this veritable "survival of the unlike" has moulded us into a class which is unexcelled for its spirit and loyalty to self and college. For the last time, the snows of winter are falling on the hills to the westward, and ere "the orb of day" has completed another cycle of the seasons we shall have passed beyond. If, however, "the good that men do lives after them," the fame and the honor of '07 will continue through the years as a tradition, even though the class is no longer enrolled on the books of the college. And, in closing, it only remains to express what has been the sentiment of 1907 from the beginning, is now and forever shall be:

"All up for dear, Old Bay State, ring out the tune,
Loyal forever to the white and maroon."





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1907

| | | | | | | | |
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| Fred C. Peters | . | . | . | . | . | . | President |
| Milford H. Clark, Jr. | . | . | . | . | . | . | Vice-President |
| George H. Chapman | . | . | . | . | . | . | Secretary |
| John N. Summers | . | . | . | . | . | . | Treasurer |
| Fredrick A. Cutter | . | . | . | . | . | . | Class-Captain |
| Archie A. Hartford | . | . | . | . | . | . | Sergeant-at-arms |
| Clinton King | . | . | . | . | . | . | Historian |

Class Yell

One, Nine, Naught, Seven

Massachusetts Naughty Seven

Class Colors

Green and White



Class of 1907

- Alley, Harold Edward Gloucester
K Σ . K Σ House.
- Armstrong, Arthur Huguenin Hyde Park
K Σ . K Σ House.
- Bartlett, Earle Goodman Chicago, Ill.
 Φ Σ K. Wilder Hall. 1907 INDEX. Senate. Signal Board. Class Baseball. Glee Club. Class Historian. Varsity Baseball.
- Caruthers, John Thomas Columbia, Tenn.
32 North College. Captain Class Rope Pull Teams. Secretary and Treasurer of Class.
- Chase, Wayland Fairbanks Middleboro
C. S. C. 96 Pleasant Street. Vice-President of Class. Secretary and Treasurer of Fraternity Conference. College Senate. First Prize, Flint Six.
- Chapman, George Henry Wallingford, Conn.
C. S. C. 6 South College. Secretary of Class.
- Chapman, Joseph Otis East Brewster
K Σ , 8 South College. Fraternity Conference. Signal Board, Class Basketball. Third Prize, Burnham Essay.
- Clark, Milford Henry, Jr. Sunderland
C. S. C. 15 South College. Business Manager 1907 INDEX. Class Vice-President, Manager Varsity Football. Varsity Football and Baseball. Class Football and Baseball. Winner of College Tennis Championship.
- Cutter, Frederick Augustus Pelham, N. H.
 Φ Σ K. 16 South College. Class Basketball and Baseball. Varsity Football and Basketball. Captain Varsity Football. Manager Varsity Baseball.
- Dickenson, Walter Ebenezer North Amherst
 Φ Σ K. North Amherst. Senate. Class Rope Pull Teams. Artist 1907 INDEX.
- Eastman, Jasper Fay Townsend
E. M. Dickinson's.
- Hartford, Archie Augustus Westford
Walch's. Class Baseball. Reading-Room Director. Class Sergeant-at-Arms.
- Higgins, Arthur William Westfield
K Σ . Goldberg's. 1907 INDEX. Signal Board. Reading-Room Director. Dining Hall Director. Manager Class Baseball. Class Secretary.
- King, Clinton Dorchester
Q. T. V. 77 Pleasant Street. Editor-in-Chief College Signal. 1907 INDEX. President Reading-Room Association. Second Prize Burnham Essay. Class Historian and Sergeant-at-Arms.



- Livers, Susie Dearing Boston
Draper Hall.
- Parker, Charles Morton Newtonville
Q. T. V. 116 Pleasant Street. Second Prize Flint Six. Burnham Eight.
- Peters, Frederick Charles Lenox
Φ Σ Κ. 18 South College. Class Baseball. Captain Class Football and Basketball. Senate.
Fraternity Conference. Class President. 1907 INDEX. Leader College Mandolin Club.
Captain Varsity Basketball. Varsity Football.
- Shaw, Edward Houghton Belmont
Φ Σ Κ. 13 South College. Captain Class Baseball. Class Basketball and Football.
- Summers, John Nicholas Brockton
C. S. C. 6 South College. Class Football and Rope Pull Teams. Class Secretary. Class
Treasurer. Varsity Football.
- Thompson, Clifford Briggs Halifax
Φ Σ Κ. 14 South College. Class Football Team.
- Walker, James Henry Greenwich Village
Φ Σ Κ. 5 South College. Class Football Team.
- Watts, Ralph Jerome Littleton
Φ Σ Κ. East Experiment Station. Business Manager College Signal. Manager Class Basket-
ball. Flint Six.
- Watkins, Fred Alexander West Millbury
Φ Σ Κ. 1 South College. Class Football.
- Wood, Herbert Poland Hopedale
C. S. C. Goldberg's. Class Football. Captain Class Basketball.



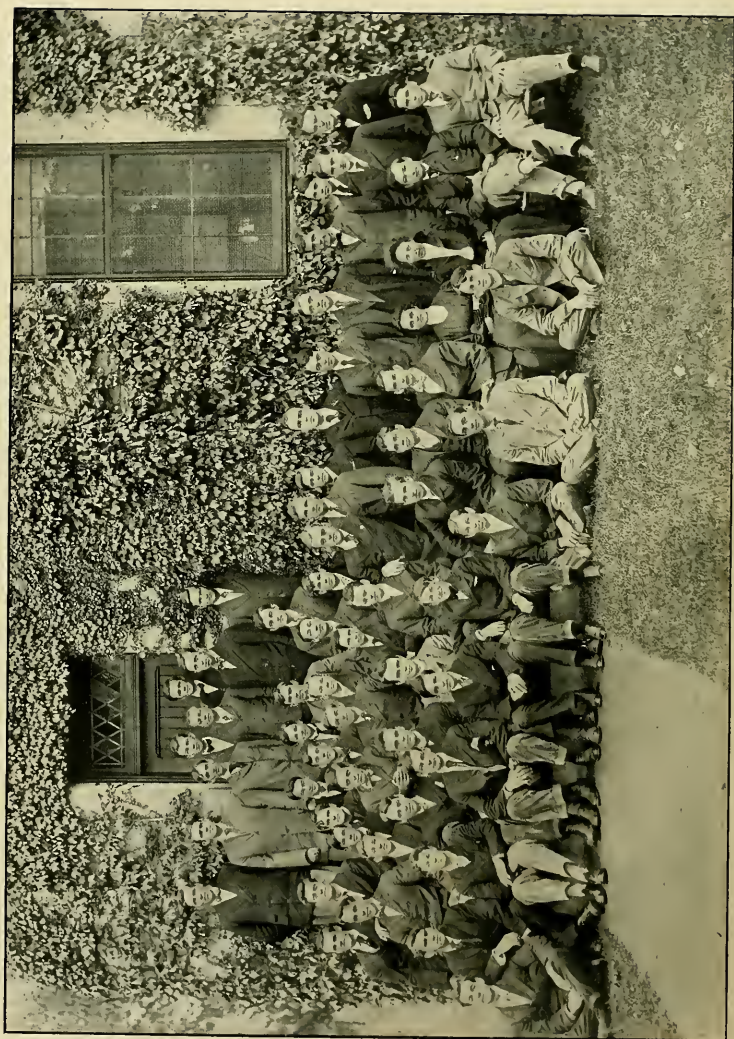




Ye
Junie

Year.







Junior Class History



WAS MOONLIGHT. My restless spirit was seeking for some quieting influence, and I went out into the open, skirting the college buildings, and going up through Lover's Lane to Mt. Pleasant, where I seated myself upon a decaying stump, to contemplate, and drink in the beauties of the evening. I fell to thinking of the college which lay below me, the many events which flashed through my mind seeming to tumble on each other's heels as did those rolling clouds

above, swiftly and silently streaming across the heavens, the pale moonlight lighting now and then their turbid forms with a glorious radiance. And those thoughts which were most illuminated in my mind were of the class which honored me with her name, the class of 1908. It seemed to me that at least a part of the history of that college was the shadow of the history of that class, just as the fleeting forms which raced across the earth beneath were shadows of those clouds which pursued above. And I fell to watching those shadows as they sped along, noticing the fantastic forms as they hastened away forever. The Chapel stood dim and majestic in the fickle light, and at its feet lay in perfect tranquility the College Pond, dark and forbidding.

Suddenly the moon burst clear of the tumultuous clouds, and threw a beautiful light across the dark form of the Chapel, illuminating it as some huge panoramic screen. And, as the Clouds broke in again upon the victorious moon, small shadows flitted across the front of the Chapel, and I seemed to see written there the words "Massachusetts 1908." A light shadow sped across the screen, followed by a picture of the Chapel, with doors flung wide open and many forms streaming out like a river of life. I saw the four classes as they issued forth, last of all coming the hesitating, uncertain freshmen, numbering almost as many as the other three classes together. And as I looked, I recognized my worthy class-mates, friends who have stood the test well, and still go in and out of those Chapel doors, just as on that first morning of college. . .

Scarce had this picture been thrown upon the screen when a huge dark cloud wiped it away, leaving all in a threatening and murky silence. The clock pealed twelve, and immediately a flash of escaping light revealed a picture of the midnight campus, with dim forms gathered in breathless awaiting at either end. The flash of a pistol, a sharp report, and the two bodies of beings were hurled at each other in dim confusion, swaying hither and thither, but always pushing towards the South, showing that those who came from the North were superior in the dark conflict.



Another pause, and then a series of scenes revealed the freshmen practicing for the rope-pull upon the hill, with anxious sentinels standing guard, and a dim figure on horse-back skirting the ever watchful company in vain endeavor. Another threatening cloud, followed by a flash of angry light, and, there was pictured a band of disappointed sophomores as they retreated from the fatal hill, gently bearing the battered form of our friend on horse-back. This was closely followed by a view of the campus, with happy sophomores bearing away the pieces of a well-fought-for rope, and disappointed freshmen dispersing to their rooms in grim silence.

Then again the dark shadows of the clouds chased across the scene, revealing here and there glimpses of '07 in midnight gatherings at the edge of the pond, or by the reservoir on the hill, watching intently the forced antics of frightened freshmen. Another stream of light revealed the gridiron, with '07 and '08 lined up against each other, and '07's set of backs making those gains which finally resulted in victory. These were dark scenes, joyless and sorrowful, and yet through them all '08 seemed to be drawn still closer with the ties of class spirit and enthusiasm. And now burst upon the screen a flood of joyous light. The scene showed the Drill-hall, and a hard fought game of basket-ball, with the joyous freshmen victorious, and lighting for the first time on the campus their pipes in token of victory,—glorious victory.

Again the scene was long delayed, revealing only here and there the studious freshmen poring over French and Math, with the grim and threatening figures of Johnny and Billy plotting in the back-ground. But in vain they plotted and schemed, for '08 wouldn't be stuck. The time slipped rapidly by until June, and then came the base-ball, with '08 again victorious, and '07 defeated in her last class game.

The Chapel doors again swung open after a long period of darkness, and I knew that another college year had begun, and 1908 were sophomores, gay and happy in their condescending toleration of a new freshman class, 1909. The scene rapidly changed to one of the campus, with again a body of beings at either end, but this time the conflict was illuminated by the bright sun. A pole stood in the middle of the field, seeming to be the goal of ambition of both sides. A signal, and the contest was on, hard and fierce, but with '08 victorious—over-whelmingly victorious. Then another dark shadow crossed the screen, revealing '08 going down in defeat before the well-trained rope-pull team of '09. Meanwhile, the scurrying shadows revealed glimpses of the "Widows," the pond, the reservoir, and many a dark and terrible path trodden by quaking and fearful freshmen, unable to get together in class unity and endeavor. A flash revealed the gridiron again, with '08 bearing off on their shoulders a victorious team. Another flash, and the Drill-hall rang with cheers of '08 victorious in basket-ball, while creeping through the door in abject disappointment was the class of '09, with '07 close at their heels. Still another



burst of light, and again the base-ball diamond was lined with hilarious men of '08, winning the last of their series of class games.

A second pause in the panoramic scenes, and the dark shadows brushing away revealed '08 as juniors, staid upperclassmen, doing their share in the advancement and government of college affairs. The scenes flitted across peaceful days, days full of joy and accomplishment, days when the class stood as one man for all that was noble and best in the college life, free from the least taint of dissention, striving for that goal which at last seemed within reach—the completion of a college course. And then the moon burst forth in unrestrained splendor, its beautiful refulgence lighting that panorama of 1908 with a glorious promise of success and fulfillment.





Junior Class Officers

| | | | | | | | | |
|----------------|---|---|---|---|---|---|---|-------------------------|
| L. A. Shattuck | . | . | . | . | . | . | . | President |
| F. E. Thurston | . | . | . | . | . | . | . | Vice-President |
| H. T. Wheeler | . | . | . | . | . | . | . | Secretary and Treasurer |
| T. H. Jones | . | . | . | . | . | . | . | Class Captain |
| C. C. Gowdy | . | . | . | . | . | . | . | Sergeant-at-Arms |
| D. P. Miller | . | . | . | . | . | . | . | Class Historian |

Class Yell

Ki Yi! Ki Yi! Ki Yi! Kate!
Massachusetts, Naughty eight

Class Colors

Silver Gray and Maroon



Class of 1908

| | |
|--|-------------------|
| Allen, Charles Francis | Worcester |
| C. S. C. 96 Pleasant Street. Class Secretary and Treasurer. | |
| Anderson, Alfred John | North Brookfield |
| $\Phi \Sigma K$. 17 South College. Class Football and Rope Pull Teams. Varsity Football Team. | |
| Anderson, Kenneth French | Roslindeale |
| 28 North College. | |
| Bailey, Ernest Winfield | Worcester |
| $K \Sigma$. $K \Sigma$ House. | |
| Bangs, Bradley Wheelock | Amherst |
| C. S. C. 29 Lincoln Avenue. Rope Pull Team. | |
| Bartholomew, Persis | Melrose Highlands |
| Draper Hall. | |
| Barry, Thomas Addis | Amherst |
| C. S. C. 20 South College. Captain Class Football. Varsity Football. College Senate. | |
| Class President. Fraternity Conference. Manager of Varsity Baseball. | |
| Bates, Carlton | Salem |
| $K \Sigma$. $K \Sigma$ House. Class Basketball, Baseball and Football Teams. | |
| Chapman, Lloyd Warren | Pepperell |
| Q. T. V. 4 South College. Class Vice-President. Fraternity Conference. Glee Club. | |
| Orchestra. | |
| Chase, Henry Clinton | Swampscott |
| C. S. C. 7 South College. Class Baseball and Football Teams. INDEX Board. Sergeant-at-Arms. | |
| Clark, Orton Loring | Malden |
| $\Phi \Sigma K$. Mt. Pleasant. Third Prize Burnham Prize Essay. | |
| Cobb, George Robert | Amherst |
| C. S. C. 33 Cottage Street. Captain of Varsity Baseball. Varsity Football and Baseball. | |
| Captain of Class Baseball. Class Basketball. INDEX Board. Glee Club. | |
| Coleman, William John | Natick |
| C. S. C. Plant House. Class Basketball and Baseball. | |
| Cummings, Winthrop Atherton | Bondsville |
| Q. T. V. Taylor's. Class Baseball. | |
| Cutting, Roy Edward | Amherst |
| $\Phi \Sigma K$. 11 High Street. Glee Club. | |
| Daniel, John | Osterville |
| Q. T. V. 4 South College. Western Alumni Improvement Prize. | |



- Davenport, Stearnes Lothrop North Grafton
K Σ . 8 South College.
- Davis, Paul Augustine Lowell
88 Pleasant Street.
- Dolan, Clifford Hudson
9 Fearing Street.
- Eastman, Perley Monroe Townsend
E. M. Dickinson's.
- Edwards, Frank Lawrence Somerville
 $\Phi \Sigma K$. 21 North College. Class Football.
- Farley, Arthur James Waltham
Q. T. V. 11 South College. Varsity Football. Class Football and Rope Pull
- Farrar, Allan Dana Amherst
Q. T. V. 1 Dana Street. Class Football and Basketball. Historian. INDEX Board. *Signal*
Board. Second Prize Burnham Speaking. Glee Club.
- Farrar, Park Warren Springfield
K Σ . K Σ House.
- Flint, Clifton Leroy Amesbury
K Σ . K Σ House.
- Gillett, Chester Socrates Southwick
K Σ . K Σ House.
- Gillett, Kenneth Edward Southwick
 $\Phi \Sigma K$. 17 South College. Captain Varsity Basketball. Assistant Manager of Varsity Football. Captain Class Basketball. Class Football. College Senate. Fraternity Conference. Orchestra. INDEX Board.
- Gowdey, Carlton Cragg St. Michael, Barbadoes
C. S. C. 116 Pleasant Street. Sergeant-at-Arms.
- Hayes, Herbert Kendall North Granby
K Σ . K Σ House. Glee Club.
- Howe, William Llewellyn Marlboro
9 South College.
- Hyslop, James Augustus Rutherford, N. J.
Q. T. V. 12 South College. Class Football. Fraternity Conference. INDEX Board. Class President. Glee Club. Orchestra.
- Ingalls, Dorsey Fisher Cheshire
Q. T. V. 10 South College.
- Jackson, Raymond Hobart Amherst
 $\Phi \Sigma K$. 26 Lincoln Avenue. Class Football. Glee Club.

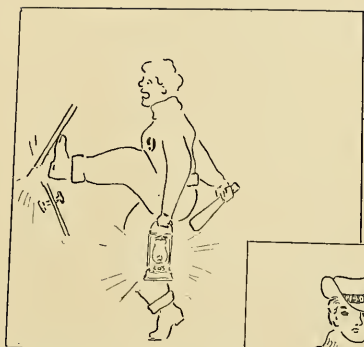


- Jennison, Harry Milliken Millbury
C. S. C. 12 South College. Manager Class Baseball. Assistant Manager of the Varsity Basketball. Burnham Eight.
- Johnson, Frederick Andrew Westford
C. S. C. 20 South College. Class Football. Baseball. Rope Pull.
- Jones, Thomas Henry Easton
Q. T. V. Forristall's. Class Football. Class Captain.
- Larsen, David Bridgeport, Conn.
K Σ. East Experiment Station.
- Liang, Lai-Kwei Tientsin, China
80 Pleasant Street.
- Miller, Danforth Parker Worcester
K Σ. K Σ House. INDEX Board. Signal Board. Historian. First Prize Burnham Prize Essay.
- Paige, George Amherst
Q. T. V. Forristall's. Varsity Football.
- Parker, John Robert Poquonock, Conn.
K Σ. 75 Pleasant Street. Class President. INDEX Board. Signal Board. Fraternity Conference. College Senate. Class Baseball. Reading-Room Director.
- Philbrick, Edwin Daniel Somerville
Φ Σ K. 18 South College. Varsity Football. Signal Board. Class Baseball. Manager Varsity Basketball.
- Reed, Horace Bigelow Worcester
K Σ. K Σ House.
- Regan, William Swift Northampton
K Σ. 84 Pleasant Street. Class Basketball.
- Sawyer, William Francis Sterling
Q. T. V. Forristall's.
- Shattuck, Leroy Altus Pepperell
C. S. C. 7 South College. Class President. Varsity Baseball. Class Baseball. Football and Basketball. Class Captain.
- Thurston, Frank Eugene Worcester
Φ Σ K. 15 South College. Class Vice-President. Director Dining Hall.
- Turner, Olive May Amherst
22 Spaulding Street.
- Turner, William Franklin Reading
Q. T. V. 9 South College.
- Verbeck, Roland Hale Malden
Φ Σ K. 13 South College. Class Baseball Team.



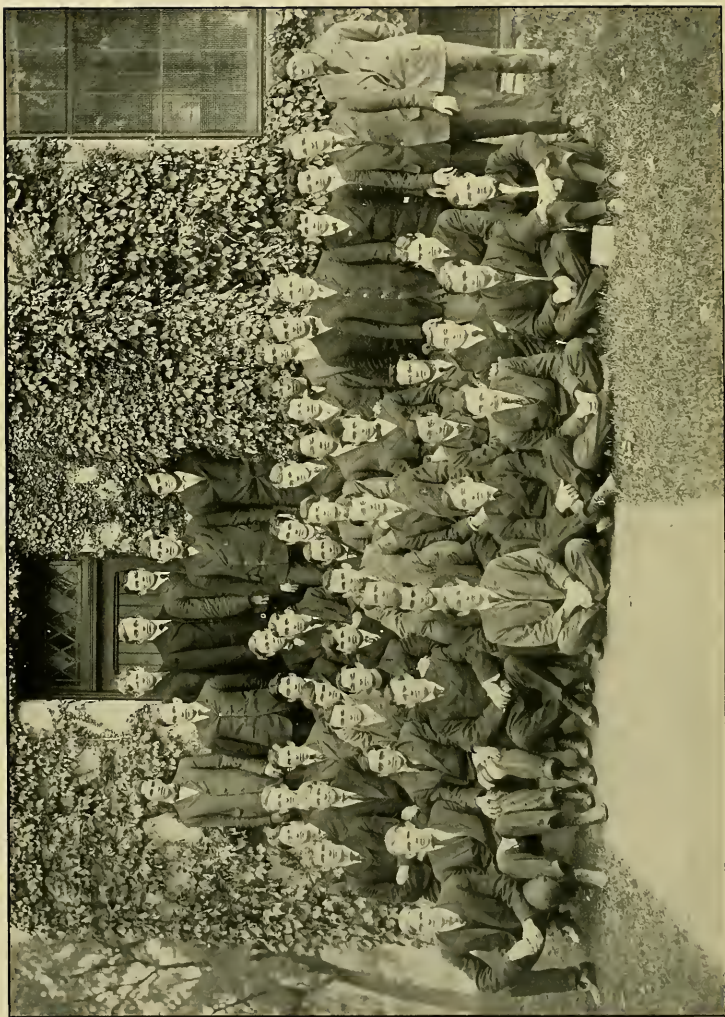
| | |
|---|---------------|
| Warner, Theoren Levi | Sunderland |
| Q. T. V. 24 North College. Varsity Baseball. Class Baseball. Class President. | |
| Wagh, Thomas Francis | Worcester |
| Q. T. V. 28 North College. First Prize Burnham Speaking. | |
| Wellington, Joseph Worcester | Waltham |
| Q. T. V. 11 South College. Manager Class Basketball. | |
| Wheeler, Hermon Temple | Lincoln |
| Q. T. V. 24 North College. Captain Rope Pull. Class Captain. Class Football. INDEX Board. Secretary and Treasurer of Class. | |
| Whiting, Albert Lemuel | Stoughton |
| Q. T. V. Veterinary Laboratory. Class Baseball. | |
| Whitmarsh, Raymond Dean | Amherst |
| K Σ. 88 Pleasant Street. Captain Class Baseball. | |
| Wright, Samuel Judd | South Sudbury |
| Q. T. V. 10 South College. Rope Pull. Class Vice-President. | |





The
Sophs.







Sophomore Class History



NCE AGAIN the march of Father Time and his ever increasing band of warriors halts us in our onward march, and as we pause and look back upon the events of our Freshman year and forward to the duties which are detailed to us as Sophomores we feel, for the first time, that our efforts as members of the undergraduate body have not been entirely in vain.

Our record in athletics during our freshman year was an enviable one. After giving the sophomores a merry tussle in the "pole-rush," our efforts were concentrated on the rope-pull, which we won decisively, to the unbounded delight of our 1907 instructors. The foot-ball game was a hard proposition with us, as we had several men debarred from playing by the rule of the senate which states that no "M" men shall participate in class foot-ball, but, nevertheless, our opponents scored but once and then only in the last minute of play. The basket-ball game was truly an exciting affair and, although we had two 'varsity men, 1908 had three and we were beaten only after a plucky fight.

As the fierce, icy grip of Winter relented, we began to think about a banquet and, notwithstanding the extreme care with which we were watched during our allotted time given by the senate, we slipped out of town and made merry in a highly successful banquet.

The period immediately following this was marked by 1908's persistent efforts to gave swimming lessons to members of our class at unseemingly hours of the morn, and this was so strenuously opposed by 1909 that we retaliated one warm night in June and 1908's efforts to quell our means of retaliation resulted in an historic encounter over near the Drill Hall.

The base-ball game coming just before Commencement was generously conceded by us, after a magnificent exhibition of the great American game by a score of 3 to 1.

Returning to college for our sophomore year we were appalled at the losses sustained in our ranks. Of the ninety-one who responded to the first roll-call, but a scant sixty returned to uphold the prestige of 1909.

We were undismayed, however, and in the new tug-of-war across the college pond we succeeded in dragging 1910, bag and baggage, through its miry depths, thus initiating them into the college customs in a fair and sportsmanlike manner.

We also showed 1910 a few tricks about pulling rope, our invincible rope-pull team taking over twenty feet of rope away from them in two minutes.

Our policy toward this latest acquisition to the ranks of the student body is intended to be productive of a cultivation of college spirit above all else and then indeed will we feel that our mission among the classes has been fulfilled and the maroon and white of 1909 has led the way toward a new era in the college life of old Massachusetts.



Sophomore Class Officers

1909

| | |
|------------------------------|------------------|
| Charles H. White | President |
| Lamert S. Corbett | Vice-President |
| George M. Brown, Jr. | Secretary |
| Robert D. Lull | Treasurer |
| Samuel S. Crossman | Class Captain |
| Harold P. Crosby | Sergeant-at-Arms |
| Donald J. Caffrey | Historian |

Class Yell

Rah, *Rah* *Rah,* *Rah,*
1 9 0 9
 Massachusetts,
 '09

Class Colors

Maroon and White



Class of 1909

| | |
|---|--------------------|
| Adams, William Everett | Chelmsford |
| C. S. C. 88 Pleasant Street. Orchestra. Mandolin Club. | |
| Alger, Paul Edgar | Somerville |
| 88 Pleasant Street. Class Baseball and Football. Second Prize Burnham Eight. | |
| Barnes, Benjamin Franklin | Haverhill |
| Nash Hall. | |
| Bartlett, Oscar Christopher | Westhampton |
| C. S. C. Goldberg's. Class Rope Pull. First Prize Burnham Eight. | |
| Bean, Thomas Webster | South Hadley Falls |
| C. S. C. 96 Pleasant Street. Class Baseball. | |
| Bennett, Ernest Victor | Malden |
| 25 North College. | |
| Briggs, Orwell Burlton | Great Barrington |
| Q. T. V. Insectary. Signal Board. | |
| Brown, George Murry, Jr. | Cambridge |
| Q. T. V. Forristall's. Class Secretary. | |
| Burke, Edward Joseph | Holyoke |
| C. S. C. 96 Pleasant Street. Captain Class Basketball. Varsity Basketball. | |
| Caffrey, Donald John | Gardner |
| C. S. C. Hatch Experiment Station. Class Historian. Captain Class Football. | |
| Cardin, Patricio Penarvedonda | Artemisa, Cuba |
| Q. T. V. 66 Pleasant Street. Manager Class Rope Pull. | |
| Chase, Edward Irving | Somerville |
| 82 Pleasant Street. | |
| Codding, George Melvin | Taunton |
| Φ Σ K. 88 Pleasant Street. | |
| Corbett, Lamert Seymour | Jamaica Plain |
| Q. T. V. 5 North College. Class Rope Pull. Vice-President of Class. | |
| Cox, Leon Clark | Boston |
| Φ Σ K. Nash Hall. | |
| Cronyn, Theodore | Bernardston |
| 9 Fearing Street. | |
| Crosby, Harold Parsons | Lenox |
| C. S. C. Goldberg's. Class Sergeant-at-Arms. Class Rope Pull. Burnham Eight. Orchestra. Varsity Football. | |



| | |
|---|----------------------|
| Curran, David Aloysius Walsh's. | Marlboro |
| Cutler, Homer 15 North College. | Westford |
| Crossman, Samuel Sutton Q. T. V. 9 North College. Class Captain. Varsity Football. | Needham |
| Eddy, Roger Sherman Q. T. V. 116 Pleasant Street. | Boston |
| French, Horace Wells Φ Σ K. 12 South College. Class Captain (pro temp). Class Baseball. Varsity Baseball and Football. | Pawtucket, R. I. |
| Fulton, Gordon Russel C. S. C. West Experiment Station. Manager of Class Football. Class President. | Lynn |
| Geer, Myron Francis 97 Pleasant Street. | Springfield |
| Geer, Wayne Emory 97 Pleasant Street. | Springfield |
| Hathaway, Elmer Francis K Σ. Nash Hall. Mandolin Club. | Cambridge |
| Hayward, Warren Willis Walsh's. | Millbury |
| Hsich, En Lury 44 Triangle Street. | Tientsin, China |
| Hubbard, Arthur Ward Q. T. V. 9 North College. Captain Class Baseball. Varsity Baseball. Orchestra. | Sunderland |
| Ide, Warren Leroy 82 Pleasant Street. | Dudley |
| Jen, Huan 80 Pleasant Street. | Tientsin, China |
| Kenney, Walter James C. S. C. 116 Pleasant Street. | Lowell |
| Knight, Harry Orrison C. S. C. Hatch Experiment Station. | Gardner |
| Lindblad, Rockwood Chester K Σ. Prof. Waugh's. | North Grafton |
| Lull, Robert Delano | Windsor, Vt. |
| Φ Σ K. Nash Hall. Treasurer of Class. Business Manager of 1909 INDEX. MacGown, Guy Ernestus Forristall's. | South Britain, Conn. |

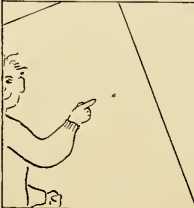
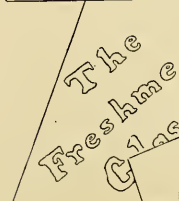


| | |
|---|------------------|
| Monahan James V. C. S. C. Goldberg's. | South Framingham |
| Neale, Harold Johnson C. S. C. 96 Pleasant Street. Burnham Eight. Class Basketball. | Worcester |
| Noble, Harold Gordon 75 Pleasant Street. Mandolin Club. | Springfield |
| Noyes, John Q. T. V. 5 North College. Class Basketball and Baseball. | Roslindale |
| O'Donnell, John Francis 6 Nutting Avenue. Class Football and Baseball. Varsity Baseball. | Worcester |
| O'Grady, James Raphael C. S. C. 6 North College. Varsity Baseball. | Holliston |
| Oliver, Joseph Thomas Prof. Howard's. | Boston |
| Paddock, Harold Charles K Σ. 9 Fearing Street. | Claremont, N. H. |
| Phelps, Harold Dwight 87 Pleasant Street. | West Springfield |
| Potter, Richard Charles Q. T. V. 8 South College. Burnham Eight. Glee Club. | Concord |
| Putnam, Charles Sumner Dickinson's. | Jefferson |
| Richardson, George Tewksbury K Σ. 101 North Pleasant Street. Mandolin Club. Signal Board. | Middleboro |
| Sexton, George Francis 6 Nutting Avenue. Class Football. Varsity Football. | Worcester |
| Shamie, George Mansoor 35 Lincoln Avenue. | Damascus, Syria |
| Smulyan, Marcus Thomas 12 North College. | New York |
| Thomson, Jared Brewer C. S. C. 25 North College. | Monterey |
| Thompson, Myron Wood Φ Σ K. Nash Hall. Class Football. | Halifax |
| Turner, Henry William C. S. C. 116 Pleasant Street. Class Baseball and Rope Pull. Burnham Eight. | Trinidad |
| Warner, Frederick Chester Q. T. V. 9 North College. Class Rope Pull, Football and Baseball. | Sunderland |



- Webb, Charles Russell Worcester
C. S. C. 96 Pleasant Street. Class Baseball. Manager Class Baseball.
- White, Charles Howard Providence, R. I.
82 Pleasant Street. President of Class. President of Y. M. C. A. Mandolin Club. Class
Basketball. Varsity Basketball.
- Willis, Luther George Melrose Highlands
Q. T. V. 10 North College. Class Basketball. Varsity Football.
- Wilson, Frank Herbert Nahant
C. S. C. 8 North College.









Freshman Class History.



AS 1910 A HISTORY? Her history has scarce begun, and yet that which she has is worth relating, and shall be truly told. Perhaps we may say that it began months and even years ago, when a kind genius directed our eyes and hearts towards "Massachusetts," our grand old "Bay State," and we threw ourselves heart and soul into the effort to become fit and worthy of the honor which she has at last reposed in us. And then came the high school graduation,

the parting from erstwhile friends, a short vacation, entrance exams, and then a new life, puzzling and incomprehensible at first, college life.

And so we are living to learn. 'Twas not long after our advent into the college life that we were told of an approaching contest with '09, a tug-of-war across the pond. The prospects were not very alluring, and yet when we heard of the pole-rush, and its predecessor, the campus-rush, which this new contest was to replace, we indeed appreciated the wisdom of the student governing body. The day of the pull arrived and '10 prepared herself fit for the contest. The sophomores had choice of sides, and chose wisely. A false pistol shot shook our nerves, and strained our muscles in eager effort. Then came the true signal, and with rope pulling taut clear above the shoulders of our foremost men, the unequal contest began. A moment of suspense and the rope came our way, and those of our worthy members who could get the rope under their arms felt a new tingle of joy and hope, and threw new effort into the struggle. But it was in vain. Slowly the sophomores' firm hold began to tell, and the rope went back, and then down to the water's edge, where a last gritty stand was made, and even as the struggle entered the water, not an instant was it relaxed. The honors were '09's, and yet '10 claims her share for grit and pluck.

Then came the regular rope pull, with its secret practices, and kindly help of the juniors. We were given to understand that the sophomores do know how to pull rope, though in other things they are pretty lame. So we threw ourselves with good spirit into developing a good rope-pull team, but an early challenge cut short the practices, and again '10 went down in defeat, this time with good grace before a fair victory.

It was at this time that '10's yell first rang across the campus, and may it ring many times more in token of victory and indomitable courage. We are confident of winning the really important class contests, football, basketball, and baseball. And meanwhile we are doing our part in support of varsity honors. Our heart's ambitions are first for our own "Mass'chusetts," and then for the class of 1910.



Freshman Class Officers

1910

| | |
|-------------------------------|-------------------------|
| Sumner C. Brooks | President |
| H. R. Chase | Vice-President |
| Francis S. Beeman | Secretary and Treasurer |
| R. L. Schermerhorn | Class Captain |
| M. S. Hastings | Sergeant-at-arms |
| Marjorie W. Lambert | Historian |

Class Yell

I—9—T-E-N
"Massachusetts"
1 9 1 0

Class Colors

Blue and White



Class 1910

| | | |
|-------------------|----------------------------|-----------------------|
| Allen, R. H., | 96 Pleasant Street | Fall River |
| Annis, R. E., | 3 Fearing Street | Natick |
| Bailey, J. C., | Nash Hall | Wareham |
| Bartlett, L. C., | 96 Pleasant Street | South Hadley |
| Beeman, F. S., | 77 Pleasant Street | West Brookfield |
| Bigelowe, W. H., | 6 Allen Street | Princeton |
| Blaney, J. P., | 44 Pleasant Street | Swampscott |
| Brooks, H. A., | 11 North College | Holliston |
| Brooks, S. C., | Home | Amherst |
| Brown, E. H., | 88 Pleasant Street | Bridgewater |
| Brown, L. C., | 88 Pleasant Street | Bridgewater |
| Brant, L., | 44 Pleasant Street | Everett |
| Call, A. E., | 3 Fearing Street | Lynn |
| Cary, W. E., | 77 Pleasant Street | Gansevoort, N. Y. |
| Chase, G. B., | 14 South College | North Adams |
| Clarke, W. R., | 75 Pleasant Street | Milton, N. Y. |
| Cloues, W. A., | 9 Fearing Street | Warner, N. H. |
| Cowles, H. T., | 77 Pleasant Street | Worcester |
| Curtis, W. E., | 75 Pleasant Street | Worcester |
| Damon, E. F., | 22 North College | Concord Junction |
| Dickinson, L. S., | Amherst | Amherst |
| Drohan, J. C., | 1 South College | Belchertown |
| Eldridge, C. V., | 26 North College | Harwichport |
| Everson, J. N., | 22 North College | Hanover |
| Failton, W., | Nash Hall | Roxbury |
| Fiske, R. J., | 88 Pleasant Street | Stoneham |
| Folsom, J. C., | 23 North College | Billerica |
| Francis, H. R., | 101 Pleasant Street | Dennisport |
| Gould, H. A., | Nash Hall | Cambridge |
| Hasting, D. B., | 88 Pleasant Street | New York Mills, N. Y. |
| Haynes, F. T., | 77 Pleasant Street | Sturbridge |
| Hazen, M. S., | 5 1-2 East Pleasant Street | Springfield |
| Holland, A. W., | 27 North College | Shrewsbury |
| Johnson, W. C., | 77 Pleasant Street | South Framingham |



| | | |
|----------------------|--------------------------|--------------------|
| Kelly, A. C., | 26 North College | Harwich |
| Lambert, Miss | Draper Hall | West Brighton |
| Leonard, L. E., | 9 Fearing Street | Pittsford, Vt. |
| Leonard, W. E., | 6 Allen Street | Belmont |
| Lipman, Q. B., | 101 Pleasant Street | Woodbine, N. J. |
| McGraw, F. D., | 96 Pleasant Street | Fall River |
| McLaine, L. S., | 84 Pleasant Street | New York, N. Y. |
| Moore, H. J., | Marsh's, North Amherst | Leominster |
| Newcomb, R. W., | 75 Pleasant Street | Fitchburg |
| Nickless, F. P., | 23 North College | Billerica |
| Nielsen, C. A., | 116 Pleasant Street | West Newton |
| Oertel, C. A., | South Hadley Falls | South Hadley Falls |
| Orr, L. J., | Nash Hall | Portland, Me. |
| Partridge, H. A., | Nash Hall | Cambridge |
| Prouty, F. A., | 31 North College | Worcester |
| Robb, A. J., | 82 Pleasant Street | Wilbraham |
| Schermerhorn, L. G., | 7 North College | Kingston, R. I. |
| Smith, H. S., | 88 Pleasant Street | Nyack, N. Y. |
| Smith, S. S., | 2 South College | Athol |
| Stalker, W. A., | G. L. Cooley, Sunderland | South Framingham |
| Stockwell, C. W., | 2 South College | Athol |
| Sullivan, A. J., | 44 Triangle Street | Dalton |
| Taylor, I. H., | 101 Pleasant Street | Leverett |
| Thomas, F. L., | 27 North College | Concord |
| Titus, W. W. S., | 9 Fearing Street | New Braintree |
| Turner, E. H., | 88 Pleasant | Reading |
| Urban, | 9 Fearing Street | Upton |
| Vinton, G. M., | Walsh's | Sturbridge |
| Waldron, R. A., | 7 North College | Hyde Park |
| Wallace, | 6 Phillips Street | Amherst |
| Whitney, R. L., | Forristall's | Brockton |
| Woodward, W. F., | 96 Pleasant Street | Worcester |





Q. T. V. Fraternity

1869-1905

Chapters

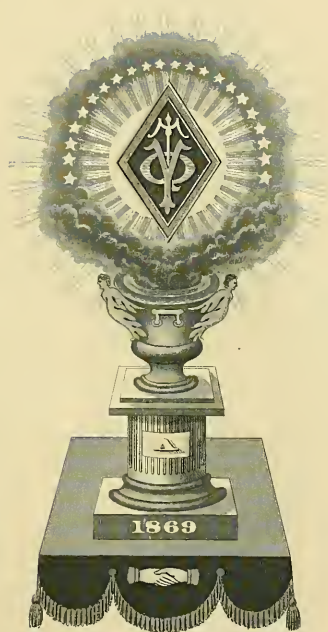
AMHERST

MASSACHUSETTS AGRICULTURAL COLLEGE

1869

BOSTON ALUMNI CHAPTER

1889





Q. T. V. Fraternity

Amherst Chapter

Established 1869

Incorporated 1890

Members

In Facultate

James B. Paige
Albert V. Osmun

Henry J. Franklin
Maurice A. Blake
Robert W. Lyman

In Urbe

Gerald D. Jones
David Barry
Frederick Tuckerman

Henri D. Haskins
James E. Duell
Charles F. Duell
E. H. Forristall

Undergraduates

— Joseph Worcester Wellington
Clinton King
— Thomas Henry Jones
Allan Dana Farrar
— Samuel Judd Wright
— Albert Lemuel Whiting
Dorsey Fisher Ingalls
— Frederick Chester Warner
Lloyd Warren Chapman
Roger Sherman Eddy
Samuel Sutton Crossman
William Francis Sawyer
Luther George Willis
Lamert Seymour Corbett
— Arthur James Farley

Charles Morton Parker
— John Daniel
— Thomas Francis Waugh
Winthrop Atherton Cummings
— Hermon Temple Wheeler
Richard Potter
— George Paige
John Noyes
Orwell Burlton Briggs
— James Augustus Hyslop
Arthur Ward Hubbard
— William Franklin Turner
George Murray Brown
Patricio Cardin
— Theoren Levi Warner



Phi Sigma Kappa

1873-1905

The Roll of Chapters

| | | |
|---------|---|------|
| ALPHA | Massachusetts Agricultural College | 1873 |
| BETA . | Union University | 1888 |
| GAMMA | Cornell University | 1889 |
| DELTA | West Virginia University | 1891 |
| EPSILON | Yale | 1893 |
| ZETA | College of the City of New York | 1896 |
| ETA | University of Maryland | 1897 |
| THETA | Columbia University | 1897 |
| IOTA | Stevens Institute of Technology | 1899 |
| KAPPA | Pennsylvania State College | 1899 |
| LAMBDA | George Washington University | 1899 |
| MU | University of Pennsylvania | 1900 |
| NU | Lehigh University | 1901 |
| XI | St. Lawrence University | 1902 |
| OMICRON | Massachusetts Institute of Technology | 1902 |
| PI | Franklin and Marshall College | 1903 |
| RHO | Queen's University | 1903 |
| SIGMA | St. John's College | 1903 |
| TAU | Dartmouth College | 1905 |
| UPSILON | Brown University | 1906 |
| PHI | Swarthmore College | 1906 |
| CHI | Williams College | 1906 |

The Clubs

The New York Club
The Boston Club

The Albany Club
The Connecticut Club
The Philadelphia Club

The Southern Club
The Morgantown Club

(1873-1874)







Phi Sigma Kappa

Alpha Chapter

Organized 1873

Incorporated 1892

Members

In Facultate

William P. Brooks
Fred S. Cooley

George E. Stone
S. Francis Howard

In Urbe

Philip H. Smith

Edward G. Proulx
Arthur W. Hall, Jr.

Undergraduates

Frederick Augustus Cutter
Walter Ebenezer Dickinson
Edwin Daniels Philbrick
Clifford B. Thompson
Orton Loring Clark
Roy Edward Cutting
Ralph Jerome Watts
Frank Eugene Thurston
George Melvin Coddington
Robert Delano Lull
Frederick Charles Peters

Kenneth Edward Gillett
James Henry Walker
Fred Alexander Watkins
Earle Goodman Bartlett
John Albert Anderson
Leon Clark Cox
Frank Lawrence Edwards
Raymond Hobart Jackson
Roland Hale Verbeck
Myron Wood Thompson
Horace Wells French

Edward Houghton Shaw



College Shakesperean Club
OF THE
Massachusetts Agricultural College

The Corporation

Incorporated in 1892

The Graduate Association

Organized September 4, 1897

The College Club

Organized September 20, 1879

"PRO LITERA"



1879





College Shakespearean Club

Honorary Members

Prof. Geo. F. Mills
Prof. Geo. B. Churchill
Prof. John H. Genung

Prof. Herman Babson
Dr. Chas. S. Walker
Dr. William J. Rolfe

Resident Graduates

Dr. C. E. Gordon,
Neil F. Monahan
Sidney B. Haskell
Edwin F. Gaskell

Dr. John B. Lindsey
Ernest A. Back
Harry M. Russell
Louis S. Walker

E. S. Fulton

Undergraduates

Wayland Fairbanks Chace
Milford H. Clark, Jr.
Herbert Poland Wood
Bradley Wheelock Bangs
Henry Clinton Chase
William John Coleman
Charles Francis Allen
Leroy Altus Shattuck
Thomas Webster Bean
Harold Parsons Crosby
Walter James Kenney
James V. Monahan
James Raphael O'Grady
Henry William Turner
Frank Hurbert Wilson

George H. Chapman
John Nicholas Summers
George Robert Cobb
Thomas Addis Barry
Carlton Cragg Gowdey
Harry Milliken Jennison
Fred Andrew Johnson
William Everett Adams
Edward Joseph Burke
G. Russel Fulton
Harry Orrison Knight
Harold Johnson Neale
James F. Thompson
Charles Russell Webb
John D. Caffrey



Kappa Sigma

1867-1906

Active Chapters

| | | |
|---------------|--|------|
| ZETA | University of Virginia | 1869 |
| BETA | University of Alabama | 1869 |
| ETA PRIME | Trinity College, N. C. | 1873 |
| MU | Washington and Lee University | 1873 |
| ALPHA ALPHA | University of Maryland | 1874 |
| ALPHA BETA | Mercer University | 1875 |
| KAPPA | Vanderbilt University | 1877 |
| LAMBDA | University of Tennessee | 1880 |
| ALPHA CHI | Lake Forest University | 1880 |
| PHI | Southwestern Presbyterian University | 1882 |
| OMEGA | University of the South | 1882 |
| UPSILON | Hampden-Sidney College | 1883 |
| TAU | University of Texas | 1884 |
| CHI | Purdue University | 1885 |
| PSI | University of Maine | 1886 |
| IOTA | Southwestern University | 1886 |
| GAMMA | Louisiana State University | 1887 |
| BETA THETA | University of Indiana | 1887 |
| THETA | Cumberland University | 1887 |
| PI | Swarthmore College | 1888 |
| ETA | Randolph Macon College | 1888 |
| SIGMA | Tulane University | 1889 |
| NU | William and Mary College | 1890 |
| XI | University of Arkansas | 1890 |
| DELTA | Davidson College | 1890 |
| ALPHA GAMMA | University of Illinois | 1891 |
| ALPHA DELTA | Pennsylvania State College | 1892 |
| ALPHA ZETA | University of Michigan | 1892 |
| ALPHA ETA | George Washington University | 1892 |
| ALPHA THETA | S. W. Baptist University | 1892 |
| ALPHA KAPPA | Cornell University | 1892 |
| ALPHA EPSILON | University of Pennsylvania | 1892 |
| ALPHA LAMBDA | University of Vermont | 1893 |
| ALPHA MU | University of North Carolina | 1893 |
| ALPHA NU | Wofford College | 1894 |





| | | |
|---------------|--|------|
| ALPHA PI | Wabash College | 1895 |
| ALPHA RHO | Bowdoin College | 1895 |
| ALPHA SIGMA | Ohio State University | 1895 |
| ALPHA TAU | Georgia School of Technology | 1895 |
| ALPHA UPSILON | Millsaps College | 1895 |
| ALPHA PI | Bucknell University | 1896 |
| ALPHA PSI | University of Nebraska | 1897 |
| ALPHA OMEGA | William Jewell College | 1897 |
| BETA ALPHA | Brown University | 1898 |
| BETA BETA | Richmond College | 1898 |
| BETA DELTA | Washington and Jefferson College | 1898 |
| BETA GAMMA | Missouri State University | 1898 |
| BETA EPSILON | University of Wisconsin | 1898 |
| BETA ZETA | Stanford University | 1899 |
| BETA ETA | Alabama Polytechnic Institute | 1900 |
| BETA IOTA | Lehigh University | 1900 |
| BETA KAPPA | New Hampshire State College | 1901 |
| BETA LAMBDA | University of Georgia | 1901 |
| BETA NU | Kentucky State College | 1901 |
| BETA NU | University of Minnesota | 1901 |
| BETA MU | University of California | 1901 |
| BETA OMICRON | University of Denver | 1902 |
| BETA PI | Dickinson College | 1902 |
| BETA RHO | University of Iowa | 1902 |
| BETA SIGMA | Washington University | 1902 |
| BETA TAU | Baker University | 1903 |
| BETA UPSILON | North Carolina A. and M. College | 1903 |
| BETA PHI | Case School of Applied Science | 1903 |
| BETA PSI | University of Washington | 1903 |
| BETA CHI | Missouri School of Mines | 1903 |
| BETA OMEGA | Colorado College | 1904 |
| GAMMA ALPHA | University of Oregon | 1904 |
| GAMMA BETA | University of Chicago | 1904 |
| GAMMA GAMMA | Colorado School of Mines | 1904 |
| GAMMA DELTA | Massachusetts Agricultural College | 1904 |
| GAMMA ZETA | New York University | 1905 |
| GAMMA EPSILON | Dartmouth College | 1905 |
| GAMMA ETA | Harvard University | 1905 |
| GAMMA THETA | University of Idaho | 1905 |
| GAMMA IOTA | Syracuse University | 1906 |
| GAMMA KAPPA | University of Oklahoma | 1906 |



Alumni Chapters

Boston, Mass.
Buffalo, N. Y.
Ithaca, N. Y.
New York, N. Y.
Philadelphia, Pa.
Danville, Va.
Lynchburg, Va.
Norfolk, Va.
Richmond, Va.
Washington, D. C.
Concord, N. C.
Durham, N. C.
Kinston, N. C.
Atlanta, Ga.

Birmingham, Ala.
Mobile, Ala.
Chattanooga, Tenn.
Covington, Tenn.
Jackson, Tenn.
Memphis, Tenn.
Nashville, Tenn.
Louisville, Ky.
Pittsburg, Pa.
Chicago, Ill.
Indianapolis, Ind.
Milwaukee, Wis.
Fort Smith, Ark.
Kansas City, Mo.

Little Rock, Ark.
Pine Bluff, Ark.
St. Louis, Mo.
Jackson, Miss.
New Orleans, La.
Ruston, L. A.
Vicksburg, Miss.
Waco, Tex.
Yazoo City, Miss.
Denver, Col.
Utah, Salt Lake City, Utah.
Los Angeles, Cal.
San Francisco, Cal.
Portland, Ore.



Kappa Sigma

Gamma Delta Chapter

Members

In Facultate

Charles Wellington

Frank A. Waugh

Charles P. Halligan

In Urbe

Edward B. Holland

E. Thorndike Ladd

Undergraduates

Harold Edward Alley

Arthur Huguenin Armstrong

Joseph Otis Chapman

Arthur William Higgins

Ernest Winfield Bailey

Carlton Bates

Stearnes Lothrop Davenport

Parke Warren Farrar

Clifton Leroy Flint

Chester Socrates Gillett

Herbert Kendall Hayes

David Larsen

Danforth Parker Miller

John Robert Parker

Horace Bigelow Reed

William Swift Regan

Raymond Dean Whitmarsh

Elmer Francis Hathaway

Rockwood Chester Lindblad

Charles Harold Paddock

George Tewksbury Richardson

Eben Herman Brown



Fraternity Conference

| | |
|------------------------------|-------------------------|
| F. C. Peters, '07 | President |
| J. O. Chapman, '07 | Vice-President |
| W. F. Chase, '07 | Secretary and Treasurer |

Members

PHI SIGMA KAPPA

F. C. Peters

K. E. Gillett

C. S. C.

W. F. Chase

T. A. Barry

K. E. .

J. O. Chapman

J. R. Parker

Q. T. V.

L. W. Chapman

J. A. Hyslop



Phi Kappa Phi

Roll of Chapters

University of Maine Chapter
Pennsylvania State College Chapter
University of Tennessee Chapter
Massachusetts Agricultural College Chapter
Delaware College of Agriculture Chapter



Phi Kappa Phi

Mass. Agricultural College Chapter

Charter Members

| | | |
|-------------------|--------------------|--------------------|
| E. A. Back, '04 | A. W. Gilbert, '04 | F. F. Henshaw, '04 |
| F. D. Couden, '04 | S. B. Haskell, '04 | A. L. Peck, '04 |
| | H. M. White, '04 | |

Faculty Members

| | | |
|-----------------|-----------------|-------------------|
| C. H. Fernald | P. B. Hasbrouck | A. V. Osmun |
| F. A. Waugh | H. T. Fernald | H. J. Franklin |
| G. F. Mills | S. F. Howard | W. P. Brooks |
| J. E. Ostrander | G. E. Stone | K. L. Butterfield |
| C. Wellington | J. B. Paige | |

Member by Affiliation

H. T. Fernald

Graduate Members

| | | |
|---------------------|-----------------------|-----------------------|
| W. D. Russell, '71 | R. B. Mackintosh, '86 | W. E. Hinds, '99 |
| W. Wheeler, '71 | F. B. Carpenter, '87 | F. H. Turner, '99 |
| S. C. Thompson, '72 | F. H. Fowler, '87 | B. H. Smith, '99 |
| J. B. Minor, '73 | R. B. Moore, '88 | A. C. Monahan, '00 |
| J. H. Webb, '73 | B. L. Hartwell, '89 | E. T. Hull, '00 |
| E. H. Libby, '74 | F. W. Davis, '89 | A. A. Harmon, '00 |
| E. E. Woodman, '74 | D. Barry, '90 | C. E. Gordon, '01 |
| J. F. Bartlett, '75 | C. H. Jones, '90 | A. C. Wilson, '01 |
| W. P. Brooks, '75 | F. J. Smith, '90 | H. L. Knight, '02 |
| W. H. Knapp, '75 | F. L. Arnold, '91 | T. M. Carpenter, '02 |
| C. F. Deuel, '76 | E. B. Holland, '92 | A. L. Dacy, '02 |
| W. A. Macleod, '76 | G. E. Taylor, '92 | H. J. Franklin, '03 |
| G. A. Parker, '76 | F. S. Hoyt, '93 | W. E. Tottingham, '03 |
| A. Clark, '77 | F. S. Bacon, '94 | F. F. Henshaw, '04 |
| J. N. Hall, '78 | S. F. Howard, '94 | A. L. Peck, '04 |
| C. S. Howe, '78 | C. P. Lounsbury, '94 | H. M. White, '04 |

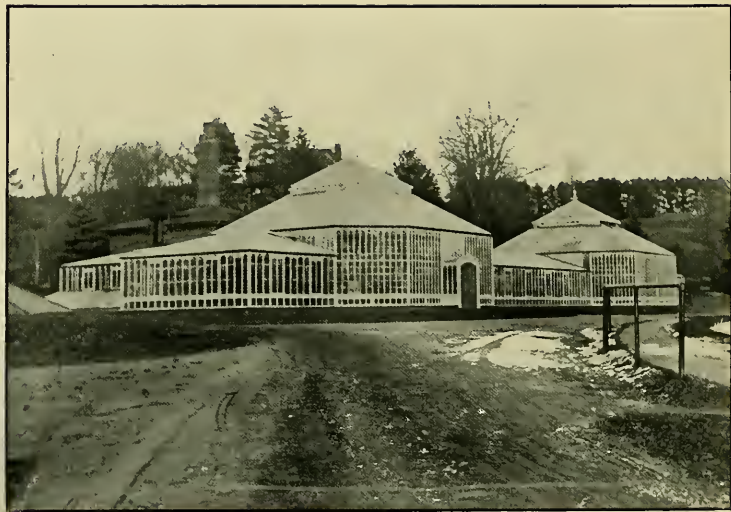


| | | |
|------------------------|----------------------|---------------------------|
| S. B. Green, '79 | C. B. Lane, '95 | R. L. Adams, '05 |
| J. L. Hills, '81 | H. A. Ballou, '95 | E. C. Cushman (Miss), '05 |
| J. E. Wilder, '82 | H. L. Frost, '95 | W. A. Munson, '05 |
| L. R. Taft, '82 | F. L. Clapp, '96 | G. W. Patch, '05 |
| J. B. Lindsey, '83 | I. C. Poole, '96 | M. L. Sanborn (Miss), '05 |
| C. H. Preston, '83 | G. D. Leavens, '97 | H. F. Thompson, '05 |
| C. S. Phelps, '85 | C. A. Peters, '97 | B. Tupper, '05 |
| J. E. Goldthwaite, '85 | J. L. Bartlett, '97 | G. N. Willis, '05 |
| E. W. Allen, '85 | J. G. Cook, '03 | H. M. Russell, '06 |
| D. F. Carpenter, '86 | A. V. Osmun, '03 | R. Wellington, '06 |
| C. F. W. Felt, '86 | E. A. Back, '04 | E. H. Scott, '06 |
| E. H. Lehnert, '93 | F. D. Couden, '04 | G. W. Sleeper, '06 |
| G. F. Curley, '93 | A. W. Gilbert, '04 | G. T. French, '06 |
| R. E. Smith, '94 | S. B. Haskell, '04 | W. C. Tannant, '06 |
| | C. W. Carpenter, '06 | |

Deceased Member

H. H. Goodell





ATHLETICS





Athletic Board

MEMBERS FOR 1906-1907

Faculty

| | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---------------------|
| Dr. James B. Paige | . | . | . | . | . | . | . | . | President |
| M. A. Blake | . | . | . | . | . | . | . | . | Vice-President |
| Capt. George C. Martin | . | . | . | . | . | . | . | . | Executive Committee |

Alumni

| | | | | | | | | |
|----------------|---|---|---|---|---|---|---|-------------------------|
| S. F. Howard | . | . | . | . | . | . | . | Secretary and Treasurer |
| C. P. Halligan | . | . | . | . | . | . | . | Auditor |
| E. G. Proulx | | | | | | | | |

Undergraduates

Milford H. Clark

T. A. Barry

K. E. Gillett



Football

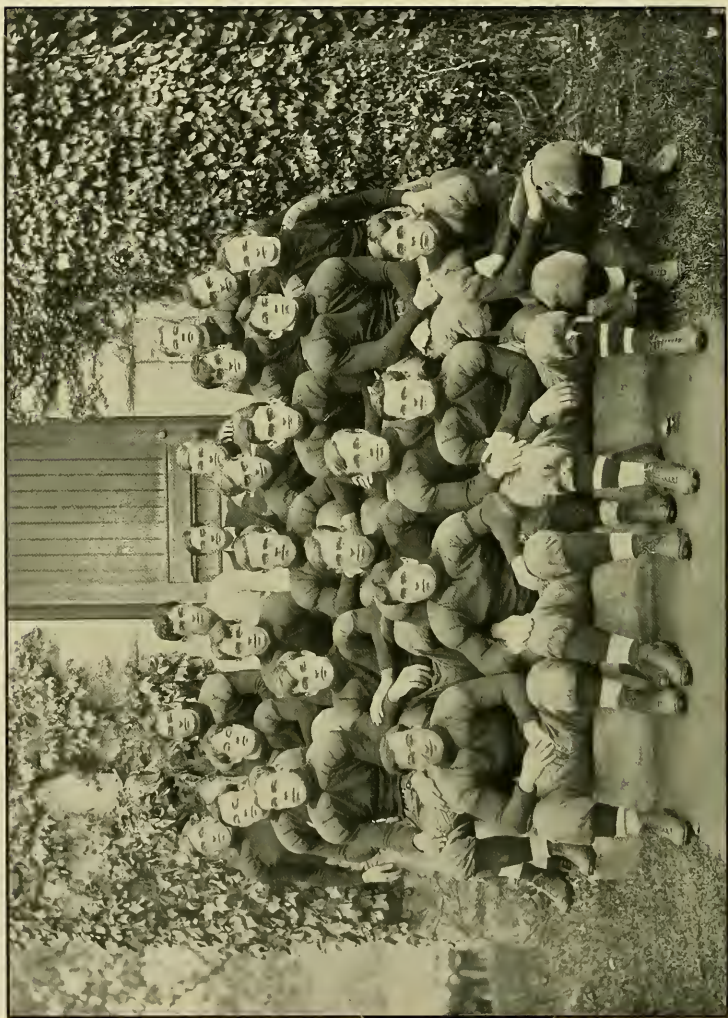
| | |
|-------------------------------|-------------------|
| Frederick A. Cutter | Captain |
| Milford H. Clark, Jr. | Manager |
| Kenneth E. Gillett | Assistant Manager |
| George E. O'Hern | Coach |

Team for 1906

Cutter, Paige, *Center*
 Anderson, Cutter, Summers, Johnson, *Guards*
 Farley, Sexton, Thompson, Summers, *Tackles*
 Bartlett, Peters, Turner, Warner, Barry, Alger, *Ends*
 Watkins, Warner, French, Brown, Crosby, Schermerhorn, *Half Backs*
 Willis, Philbrick, *Full Back*
 Cobb, O'Donnell, *Quarter Back*

Results of Games for Season

| | | | | | |
|-----------|----|-------------------------|----|-------------------------------|----|
| September | 29 | Massachusetts | 4 | Holy Cross | 6 |
| October | 3 | Massachusetts | 0 | Williams | 5 |
| October | 6 | Massachusetts | 0 | New Hampshire State | 0 |
| October | 10 | Massachusetts | 0 | Brown | 17 |
| October | 13 | Massachusetts | 0 | Harvard | 21 |
| October | 20 | Massachusetts | 0 | Dartmouth | 26 |
| November | 3 | Massachusetts | 8 | Amherst | 12 |
| November | 10 | Massachusetts | 0 | Tufts | 28 |
| November | 17 | Massachusetts | 21 | Springfield T. S. | 4 |





Foot Ball



THE SEASON of 1906 presents new features in the game of Foot-Ball at Massachusetts. In the past, the Dartmouth system of coaching has been in vogue. With the graduate system of coaching practiced this year, Coaches O'Hern '04, and Halligan '03, have made but few, if any, changes. The new rules, all through, would be to the advantage of lighter teams, but as all our early games were with larger colleges and heavier teams, which had not up to that time started the open play, our team of only 160 lbs. average had to fight with indomitable spirit to hold down scores. This was especially true in the Brown and Harvard games. At Harvard, the first appearance of a Massachusetts team at the Stadium, the men played one of the best games of the season. In open play, Burr, the famous Harvard punter, found Cobb his superior in the art, and in order to score Harvard was forced to open her line attack. Here her heavy men forced their way through our lighter line, though the men fought grittily to the end, creating a most favorable impression for Massachusetts teams and spirit at Cambridge. The approach of the game with Amherst is the pleasantest feature of the season, and with her name once more upon the schedule, the student body is as a unit in spirit and enthusiasm.

With the hardest schedule the college has ever played, it is very difficult to say whether or not the season will be a success from the standpoint of victories. The outlook for 1907 is the brightest in the history of the college, as the eleven loses but three men from the present squad. Our alumni need not fear that we have for any length of time succumbed to larger institutions, for the spirit here, as ever, seems to be expressed in that stirring song—

Hail! Hail! Massachusetts,
Loyal and true,
Thy sons are gathered
To cheer for you
And whether victors or vanquished we
Still we'll be cheering for M. A. C.





Baseball

1906

F. H. Kennedy

F. A. Cutter

T. A. Barry

*Captain**Manager**Assistant Manager*

1907

G. R. Cobb

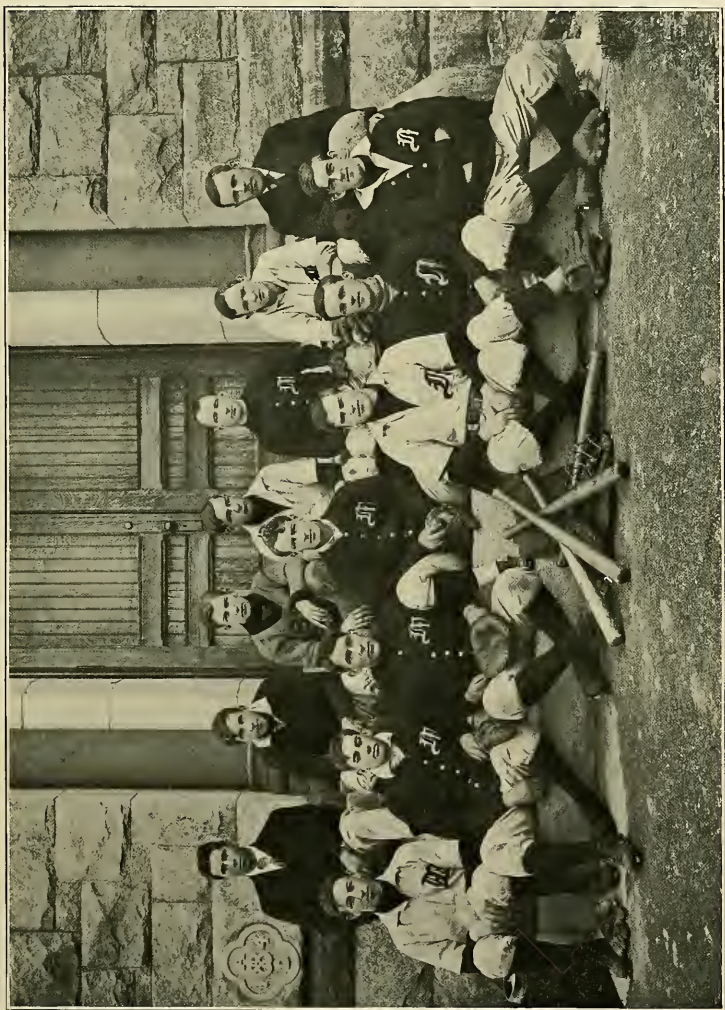
T. A. Barry

College Team, 1906

French, *catcher*Kennedy, Hubbard, Cobb, *pitchers*Tirrell, *first base*Shattuck, *second base*O'Donnell, *short stop*Cobb, Kennedy, *third base*O'Grady, *left field*Clark, *center field*Warner, *right field*

Baseball Scores, 1906

| | Mass. | Oppon- ents. |
|--|-----------|-----------------|
| Holy Cross at Worcester | 4 | 16 |
| University of Maine at Amherst | 3 | 2 |
| Wesleyan at Middletown | 2 | 4 |
| Rhode Island at Kingston | 6 | 2 |
| Brown at Providence | 2 | 11 |
| Holyoke League at Holyoke | 0 | 3 |
| Colby at Amherst | 1 | 6 |
| Springfield T. S. at Springfield | 9 | 8 |
| Trinity at Hartford | 1 | 1 |
| Dartmouth at Hanover | 0 | 6 |
| Worcester "Tech" at Amherst | 18 | 10 |
| Boston College at Boston | 19 | 4 |
| Colby at Waterville | 2 | 5 |
| University of Maine at Orono | 1 | 3 |
| Cushing Academy at Cushing | 8 | 9 |
| Andover at Andover | 1 | 4 |
| Totals, | <u>77</u> | <u>94</u> |





Baseball



FROM EVERY standpoint the base-ball season of 1906 was a successful one. The secret of the success lies in the facts, that the team had, for a time, the services of a good coach, and the co-operation of the entire student body. Never before has the enthusiasm been shown that was evident last Spring. The one misfortune encountered was the losing of the coach's services so early in the season. The squad had been given a good start however, and did justice both to the college and themselves. Although the percentage of games won was no larger than during the previous year, the general opinion was that the team played a faster and headier game. The majority of the games lost were to larger colleges and by small scores so that no discredit should be given the team for these defeats. The spirit shown by both the players and student body all through the season was indeed encouraging to the manager and Captain. I sincerely hope that this spirit will continue to prevail because it means much to the welfare of the college. Next year the best team that ever represented Massachusetts will be put in the field. It will lose the services of but two men and with a captain possessing both experience and ability there is no reason why the team shouldn't keep pace with the other colleges. The principle thing is the consistent, clean game so characteristic of Massachusetts to keep our college where she belongs. In closing, I would like to say that I consider the success of the season of 1906 due in no small part to the untiring services of Manager Cutter. Wishing you success for the coming season, I remain,

FRANK H. KENNEDY,

Captain 1906.



Basketball

1906

F. C. Peters

Captain

A. T. Hastings, Jr.

Manager

H. T. Pierce

Assistant Manager

1907

K. E. Gillett

E. D. Philbrick

H. M. Jennison

College Team for 1906

Cobb, Cutter, Burke, *Forwards*

Gillett, *Centre*

Peters, White, *Guards*



Basketball

THE PROSPECTS for a strong basket-ball team this season are very encouraging. With the whole of last year's team back, and what the freshman class will furnish us, we ought to turn out a winning team. In past years the basket-ball team has drifted through the season without the aid of a coach, but this year the management hopes to secure some one who will coach the team for the first part of the season at least. The manager is arranging some hard home games, and if the team is to win these games the student body must show their interest, and promote that spirit which gives a team determination.

Because basket-ball has not been a popular sport at M. A. C. in the past, it is no reason why we cannot make it a drawing card this season. If every one helps the team along by his presence at the practice games, or his persistent work on the squad, I am sure that basket-ball will become a thriving branch of athletics.

This season, practice, in many cases will be held directly after drill, so there will be no excuse for a man not coming out because he cannot spare the time. When the call for candidates is made I hope that a large number will respond. We want men out who are going to stay; men whom we can depend upon when the varsity needs a strong scrub. Let us all enter into this season with a new spirit, and put out a team that will make Old Massachusetts proud.

K. E. GILLETT, *Captain*



Former Managers and Captains

Football

Manager

| | |
|--------------------------|------|
| Milford H. Clark | 1906 |
| Ralph Ware Peakes | 1905 |
| Edwin White Newhall, Jr. | 1904 |
| Clarence H. Griffin | 1903 |
| Philip W. Brooks | 1902 |
| Victor A. Gates | 1901 |
| C. L. Rice | 1900 |
| C. L. Rice | 1899 |
| G. F. Parmenter | 1898 |
| R. D. Worden | 1897 |
| C. I. Goessman | 1896 |

Captain

| |
|--------------------------|
| Frederick A. Cutter |
| William Hunlie Craighead |
| Willard Anson Munson |
| George E. O'Hearn |
| Charles P. Halligan |
| Herbert A. Paul |
| T. F. Cook |
| J. E. Halligan |
| A. D. Gile |
| D. A. Beaman |
| J. W. Allen |

Baseball

Manager

| | |
|---------------------|------|
| Thomas A. Barry | 1907 |
| Frederick A. Cutter | 1906 |
| William O. Taft | 1905 |
| Raymond A. Quigley | 1904 |
| Joseph G. Cook | 1903 |
| Victor A. Gates | 1902 |
| Y. H. Canto | 1901 |
| N. D. Whitman | 1900 |
| G. H. Wright | 1899 |
| J. S. Eaton | 1898 |
| Newton Shultis | 1897 |

Captain

| |
|-------------------|
| Geo. R. Cobb |
| Frank H. Kennedy |
| Frank H. Kennedy |
| George E. O'Hearn |
| M. F. Ahearn |
| Herbert A. Paul |
| T. Graves |
| J. E. Halligan |
| J. S. Eaton |
| J. A. Emrich |
| J. I. Marshall |

Basketball

Manager

| | |
|--------------------------|------|
| Edwin D. Philbrick | 1907 |
| Addison T. Hastings, Jr. | 1906 |
| John J. Gardner | 1905 |
| Raymond A. Quigley | 1904 |
| Edward B. Snell | 1903 |
| J. H. Belden | 1902 |

Captain

| |
|---------------------|
| K. E. Gillett |
| Frederick C. Peters |
| Thomas F. Hunt |
| Edwin S. Fulton |
| M. F. Ahearn |
| John M. Dellea |



Wearers of the M

Football

M

F. A. Cutter
J. N. Summers
M. H. Clark, Jr.
G. R. Cobb
E. D. Philbrick

L. G. Willis
S. S. Crossman
H. P. Crosby
E. H. Brown
H. W. French
L. C. Bartlett

F. C. Peters
Geo. Paige
A. J. Farley
A. J. Anderson
G. F. Sexton

Baseball

M

M. H. Clark, Jr.
F. A. Cutter
E. G. Bartlett

L. A. Shattuck
T. L. Warner
J. R. O'Grady
G. R. Cobb

H. W. French
A. W. Hubbard
J. F. O'Donnell

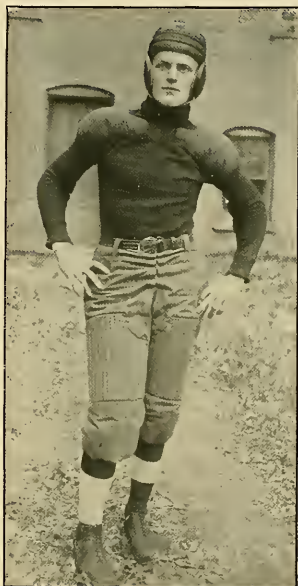
Basketball

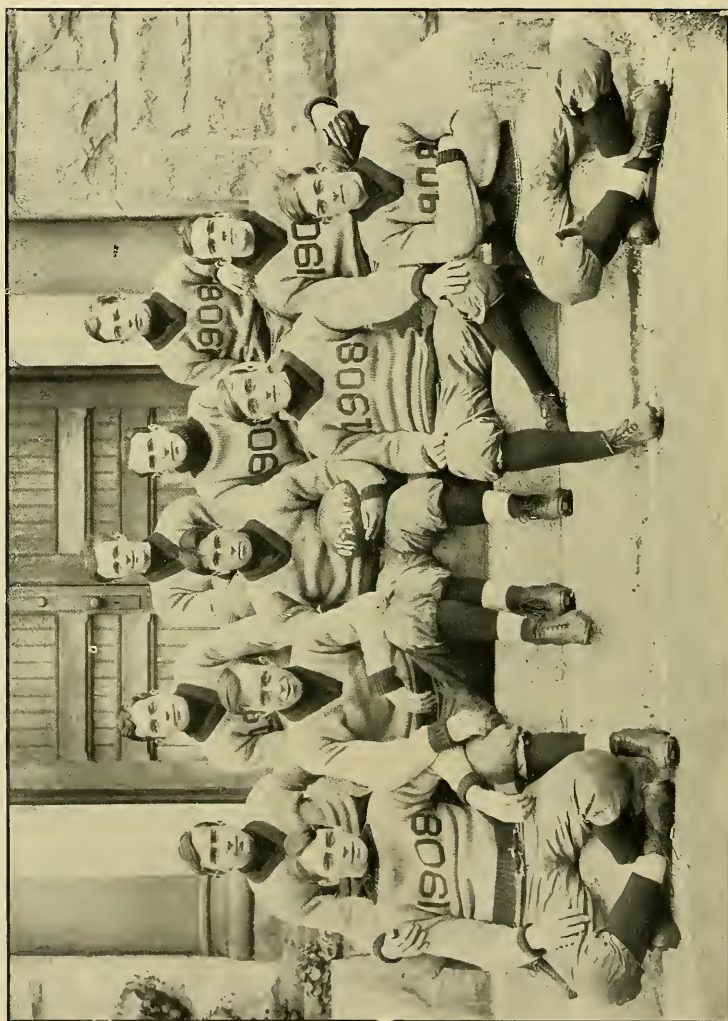
B M B

F. C. Peters
F. A. Cutter

K. E. Gillett
G. R. Cobb
R. D. Whitmarsh

C. H. White
E. J. Burke







Sophomore Football Team

1908

Jackson, c.

Wheeldon, r. g.

Jones, r. t.

Hyslop,

Farrar, r. e.

K. Gillett, r. h. b.

Anderson, l. g.

Farley, l. t.

Barry (Captain), l. e.

Bates, q. b.

Shattuck, l. h. b.

Johnson, f. b.

Score

1908—5

1909—0







Freshman Baseball Team

1908

Cobb (Captain), *pitcher*
Bates, *catcher*
Chase, *first base*
Blake, *second base*
Shattuck, *third base*

Draper, *short stop*
O'Grady, *left field*
Warner, *center field*
Parker, Johnson, *right field*
Pegleary, *substitute*

Score

1908—10

1907—6







Sophomore Baseball Team

1908

Cobb (Captain), *pitcher*
Chase, *catcher*
Verbeck, *first base*
Philbrick, *second base*
Coleman, *third base*

Bates, *short stop*
Warner, *left field*
Whiting, *center field*
Johnson, *right field*
Cummings, *substitute*

Score

1908—3

1909—1





Freshman Basketball Team

1908

Cobb, r. f.

Bates, l. f.

K. Gillett, c.

Farrar, Regan, r. b.

Whitmarsh, l. b.

Score

1908—8

1907—7





Sophomore Basketball Team

1908

Whitmarsh, Coleman, r. f.

Cobb, l. f.

K. Gillett (Captain), c.

Bates, Shattuck, r. b.

Regan, l. b.

Score

1908—25

1909—10





Young Men's Christian Association

Officers

| | |
|---------------------------|-------------------------|
| C. H. White | President |
| A. D. Farrar | Vice-President |
| J. T. Caruthers | Secretary and Treasurer |
| R. J. Watts | Corresponding Secretary |

Committees

| Advisory | Reception | Membership |
|---------------------------------|--------------|---------------|
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| Prof. F. A. Waugh | C. F. Allen | R. B. Lull |

Outside Speaker

A. D. Farrar

| Devotional | Music | Hand Book |
|--------------|----------------|---------------|
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| R. J. Watts | D. P. Miller | E. W. Bailey |
| C. H. White | W. E. Adams | G. M. Brown |

Reading Room Association

| | |
|-------------------------|-------------------------|
| Clinton King | President |
| J. N. Summers | Secretary and Treasurer |

Directors

| | |
|---------------|---------------|
| Clinton King | J. R. Parker |
| J. N. Summers | J. R. O'Grady |



College Senate

| | |
|------------------------|-------------------------|
| F. C. Peters | President |
| W. F. Chace | Vice-President |
| T. A. Barry | Secretary and Treasurer |

Members

| | |
|-----------------|---------------|
| E. G. Bartlett | T. A. Barry |
| W. F. Dickinson | J. R. Parker |
| W. F. Chase | T. L. Warner |
| F. C. Peters | K. E. Gillett |

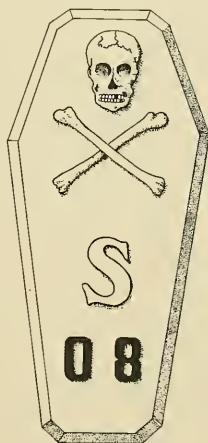
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| Prof. P. B. Hasbrouck | F. E. Thurston |
| C. E. Rowe | W. S. Regan |

Entomological Journal Club

Members

| | |
|---------------------|----------------|
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| A. H. Armstrong | J. N. Summers |
| E. A. Back | J. A. Hyslop |
| | H. J. Franklin |





THE RED ANGELS

A Society of

THE SENIOR CLASS 1907
THE SOPHOMORE CLASS 1909

Members

?



Smith College Club

| | |
|---|-------------------------|
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| J. Beals Wellington | Vice-President |
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| Persis Chase Bartholomew | Chaperon |
| Pane Augustus Davis, Clifford Dolan | Members |

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Organized 1905

Officers

| | |
|-------------------------|-------------------------|
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| S. J. Wright | Vice-President |
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R. H. Verbeck

Prof. Wm. P. Brooks

A. L. Whiting

Prof. F. A. Waugh

Zoological Club

| | |
|------------------------------|----------------|
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| Henry C. Chase | Vice-President |
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| Clarence E. Gordon | Executive |

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| | |
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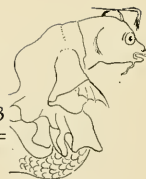
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G. M. Brown

The Cycle

PUBLISHED ANNUALLY BY THE GAMMA DELTA CHAPTER OF THE
KAPPA SIGMA FRATERNITY



M. A. C. Cadet Battalion Roster

Field Staff

| | |
|---------------------------|---|
| W. E. Dickinson | Major |
| J. N. Summers | Adjutant with the rank of Captain |
| J. H. Walker | Quartermaster with the rank of first Lieutenant |
| R. D. Whitmarsh | Sergeant Major |
| E. D. Philbrick | Color Sergeant |
| F. A. Watkins | Color Sergeant |
| C. C. Gowdey | Quartermaster Sergeant |

COMPANY A

F. C. Peters . . .
H. P. Wood . . .
H. E. Alley . . .
C. S. Gillett . . .
R. H. Verbeck . . .
C. L. Flint . . .
C. F. Allen . . .
J. W. Wellington . . .
J. Daniel . . .
H. W. French . . .
R. C. Linblad . . .
C. S. Putnam . . .
L. S. Corbett . . .
T. W. Bean . . .

COMPANY B

W. F. Chase . . .
J. O. Chapman . . .
C. King . . .
T. A. Barry . . .
J. R. Parker . . .
J. A. Anderson . . .
P. W. Farrar . . .
L. K. Liang . . .
W. F. Turner . . .
M. W. Thompson . . .
H. W. Turner . . .
J. F. O'Donnell . . .
S. S. Crossman . . .
E. F. Hathaway . . .
C. R. Webb . . .
J. V. Monahan . . .

COMPANY C

C. B. Thompson . . . *Captain*
R. J. Watts . . . *First Lieutenant*
J. T. Caruthers . . . *Second Lieutenant*
H. M. Jennison . . . *First Sergeant*
H. T. Wheeler . . . *Q. M. Sergeant*
C. Bates . . . *Sergeant*
A. J. Farley . . . *Sergeant*
S. J. Wright . . . *Sergeant*
W. J. Coleman . . . *Sergeant*
R. S. Eddy . . . *Corporal*
H. D. Knight . . . *Corporal*
R. Potter . . . *Corporal*
H. J. Neale . . . *Corporal*
P. E. Alger . . . *Corporal*
. . . *Corporal*
. . . *Corporal*



Clark Cadet Band

G. H. Chapman

Chief Musician with rank of Captain, First Tenor B flat slide Trombone.

E. G. Bartlett

Principal Musician, with rank of First Lieutenant, solo B flat Clarinet.

| | |
|-------------------|---|
| F. A. Cutter | Drum Major |
| E. H. Shaw | First Sergeant, First B flat Tenor Horn |
| M. H. Clark, Jr. | Second Sergeant, Cymbals |
| J. F. Eastman | Third Sergeant, Second B flat Cornet |
| K. E. Gillett | (Leader) First Corporal, solo B flat Cornet |
| L. W. Chapman | Second Corporal, First B flat Bass Trombone |
| R. E. Cutting | Third Corporal, Second B flat Bass Trombone |
| A. D. Farrar | Fourth Corporal, Second E flat Alto Horn |
| J. A. Hyslop | Fifth Corporal, First B flat Clarinet |
| R. H. Jackson | Sixth Corporal, B flat Bass Horn |
| G. R. Cobb | First E flat Alto Horn |
| A. W. Hubbard | Second B flat Clarinet |
| R. L. Whitney | First B flat Cornet |
| I. B. Lipman | Third B flat Cornet |
| H. G. Noble | E flat Bass |
| H. C. Chase | Snare Drum |
| W. H. Bigelow | Snare Drum |
| F. H. Wilson, Jr. | Bass Drum |







Musical Organizations



FOR SEVERAL YEARS previous to last year our college has lacked even the attempt at any organized special music, aside from the cadet Band. Last year in order to supply a long felt need the Massachusetts Agricultural College Musical Association was established and made its first public appearance. The gratifying success of the Minstrel show and the entertainments, certainly proves that if this can be maintained as a permanent organization, it may well become an important as well as a very pleasant feature of our college life.

There seems to be a tendency on the part of those who might make good to be backward about coming out and doing what they can. This is not the spirit we want to see, in fact it is not the Massachusetts spirit at all. Each man should at least make the effort if he has any music whatever in him, for he can certainly make someone work harder through the proper spirit of competition. We need the earnest support of all to achieve the success this work rightfully deserves.

To those who cannot help us directly we would suggest that you be lenient in your judgment and remember we are inexperienced. Give us your encouragement and hearty support at all times. As a new organization we are somewhat handicapped financially and any contributions will be extremely welcome. But, perhaps, the most urgent need of all and still the one least likely to be supplied is the want of thoroughly competent musical instruction. The wealth of undeveloped talent we find here is a strong plea for training in this line. The Band has set the example and why not give the Orchestra, Mandolin Club and Glee Club an equally good opportunity? Let us hope for some generous benefactor in the near future.

E. G. BARTLETT, *Manager*



Orchestra

[illegible]



Mandolin and Banjo Club

| | |
|-------------------------|----------|
| Peters, '07 | Mandolin |
| Bailey, '08 | Mandolin |
| Noble, '09 | Mandolin |
| White, '09 | Mandolin |
| Hathaway, '09 | Mandolin |
| Orr, '10 | Mandolin |
| Sullivan, '10 | Mandolin |
| Smith, '10 | Mandolin |
| Cary, '10 | Guitar |
| Hatch, '10 | Guitar |
| Waldron, '10 | Banjo |
| Allen, '10 | Banjo |
| Annis, '10 | Banjo |

College Choir

| | |
|-----------------------------|-----------------------|
| S. Francis Howard | Instructor and Leader |
| S. F. Howard | First Tenor |
| R. Potter | First Tenor |
| A. D. Farrar | Second Tenor |
| R. E. Cutting | Second Tenor |
| G. R. Cobb | First Basso |
| L. W. Chapman | First Basso |
| J. A. Hyslop | Second Basso |
| R. H. Jackson | Second Basso |
| E. G. Bartlett | Organist |



Sons of Old Massachusetts

Bay State's loyal sons are we,
In her praise our song shall be,
Till we make the welkin ring
With our chorus as we sing,
With the tribute that we bring,
Holyoke's hills prolong the strain,
Echoing to the glad refrain,
And the gentlest winds proclaim
Far and near thy peerless fame,
Praising e'er thine honored name—
Massachusetts !

CHORUS :

Loyal sons of old Massachusetts,
Faithful, sturdy sons and true,
To our grand old Alma Mater
Let our song resound anew.
Cheer, boys, cheer, for old Massachusetts,
Give our college three times three;
Sons forever of the Old Bay State,
Loyal sons, loyal sons, are we !

For thy colors pure and bright,
For thine own maroon and white,
Glorious victories we crave,
Symbols of thy spirit brave,
May they long in triumph wave!
All thy sterling worth reveal,
Grant us nobler, manlier, zeal,
So though borne by Time's command
Far beyond thy sheltering hand,
Still devoted sons we'll stand—
Massachusetts !

CHORUS :

College Hymn - Massachusetts.



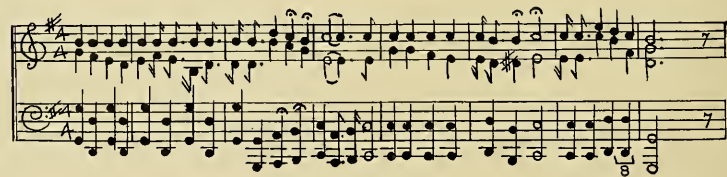
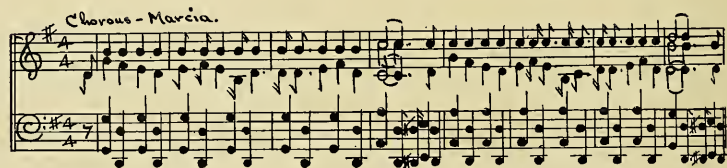
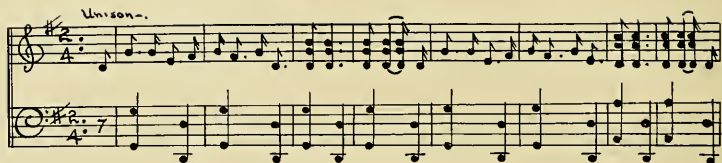
Our College dear, 'tis e'er for thee
We raise on high our hymn of praise;
For thee and thy maroon and white,
Our own Bay State, and colors bright,
Our chorus shall in triumph roll,—
Thy praises be forever told !

We praise the hills and valleys near
That watch o'er thee with their sweet cheer,
Thy sterling worth, thy manly zeal,
Thy willing hands and hearts of steel,
Thy spirit brave that knows no fear,—
To these we echo back our cheer !

Our prayers shall ever be for thee,
Our Alma Mater, M. A. C.,
The college of all others blest,
The college that our hearts love best.
May God's own blessing rest with thee,
Our Alma Mater, M. A. C !



Class Song - 1908.





As jolly Juniors we sing our song,
Hurrah ! Hurrah !
We shout and sing as we march along,
Hurrah ! Hurrah !
Passed are the days of our verdancy,
We've cheered our teams to the victory,
We're jolly Juniors of nineteen hundred and eight. Rah ! Rah !
We're without a thought or care in life. We are ! We are !
We're out at best for a jolly good time. We are ! We are !
Then up, boys, up for the grey and maroon
Off with your hats while we sing our tune
Now sing, boys, sing with all your might and main. Rah ! Rah !

CHORUS :

Then ! Cheer, Cheer, Cheer,
For nineteen hundred eight
The class that knows no fear.
Oh Cheer, Cheer, Cheer,
For Alma Mater bright,
The College we hold most dear.
We'll drink a toast to Massachusetts men,
The sons of Old Bay State,
Our College dear we'll be true to thee
And nineteen hundred eight.



SEPTEMBER, 1905.

21. College opens.
22. Scrap with 1909. "Where are the Freshmen?"
23. Roddy Blake knocks over South College.
25. Pole rush. 1908, 34 hands; 1909, 20 hands.
27. No heat. (This happened so frequently we will omit dates in the future.)
30. Football. Dartmouth, 18; Massachusetts, 0; at Hanover.

OCTOBER, 1905.

5. Flag pole blown down.
7. Football. Massachusetts, 11; Rhode Island, 0; on campus.
11. Football. Williams, 10; Massachusetts, 0; at Williamstown.
12. Rope pull. 1909 wins from 1908.
13. Dickinson '07 takes swim in College Pond.
14. Football. Massachusetts, 15; New Hampshire, 0; on campus.
First informal in drill hall.
20. First visit of '09 to old hash house.
21. Football. Bates, 16; Massachusetts, 0; at Lewiston.
24. First victim of Kid. A. D. fired from chemistry.
26. Class numerals appear on chapel spire.
27. Bill Taft's dog recites in agriculture. Another disturbance in old hash house.
30. Skeleton Club organizes. High Geer sings in choir.
31. Football. Andover, 30; Massachusetts, 0; at Andover. Dexter, Snap, A. D.
fired from chemistry. Later whole class.



NOVEMBER, 1905.

1. Class fired again with cuts.
2. Chapel clock started.
3. Ice in pond.
4. Cupid in the pond. Football. 1908, 5; 1909, 0; Informal in drill hall.
7. Football. 1909, 0; Connecticut Literary Institute, 0; at Suffield.
9. 1907 bolts Holcomb.
13. Chappie, Roger, and A. D. fired from chemistry. Drill in uniform for first time.
15. Football. Amherst, H. S., 0; 1909, 0; on campus.
16. Barn Burned.
18. Football. Massachusetts, 15; Springfield Training School, 0; at Springfield.
23. Sun pictures of 1909 taken.
24. Football. Tufts, 8; Massachusetts, 6; at Medford.
25. Auction at barn. "Andy" runs College store.

DECEMBER, 1905.

6. Coleman, '09, falls through the ice on pond.
7. Letter to all in South College from Prexy.
8. Basket ball. Massachusetts, 20; Boston College, 15; in drill hall.
9. 1909 buys pickle vinegar to set up the college.
10. 1907 Index appears.
13. Basket ball. Wesleyan, 25; Massachusetts, 7; at Middletown.
14. 1908 bolt Cooley.
16. Basket ball. Trinity, 37; Massachusetts, 17; at Hartford.
19. Christmas vacation begins.



JANUARY, 1906.

3. College opens.
4. 1909 use the Short Course for entertainment.
5. 1909 has scrap with Short Course.
9. Heime gets black dot at Bush's.
20. Informal in drill hall.
21. 90°. Is it summer or winter ?
22. Barnyard party somewhere between south and north.
27. Sam Wright, Dorsey Ingals and Jack Daniel move to Thompson House.
28. Basket ball. 1908, 77; Northampton Commercial College, 11; in drill hall.
31. Exams ! ! ! ! !
Fire in middle entry South College.

FEBRUARY, 1906.

3. 10° below .0°. Winter all right.
6. 1908 has freezing exam. in chemistry. Thermometer—273°
7. Exams over. Hamp cars are Crowded.
8. Second semester begins.
1908 bolt Cooley.
9. 1908 bolt Babson.
Musicales by Musical Organization in chapel.
12. "Gramp" Eastman fired from chemistry.
16. Junior Prom. in drill hall.
17. Howe puts up at Police Station in Holyoke.
19. Snow storm in chemistry. "The class is dismissed with cuts."
23. Is it summer again ? Young grasshoppers seen hopping near pond.



"It's the leader of the squad that does the work."

MARCH, 1906.

1. Minstrel show in drill hall under direction of 1906.
5. Ach Louis runs a two-days' exhibit of live stock.
9. Basket ball. 1908, 25; 1909, 10; in drill hall.
14. Short Course graduates.
17. Informal.
23. Spring vacation begins.

APRIL, 1906.

2. College opens.
9. Chapman fired from chemistry.
12. Base ball. Massachusetts, 3; University of Maine, 2; on campus.
17. Poverty Ball under auspices of 1906.
18. Base ball. Wesleyan, 4; Massachusetts, 2; at Middletown.
25. Hysterisis.
27. Class pipes arrive.
28. Informal in drill hall.
30. Base ball. Colby, 6; Massachusetts, 1; on campus. Last recitation in chemistry.

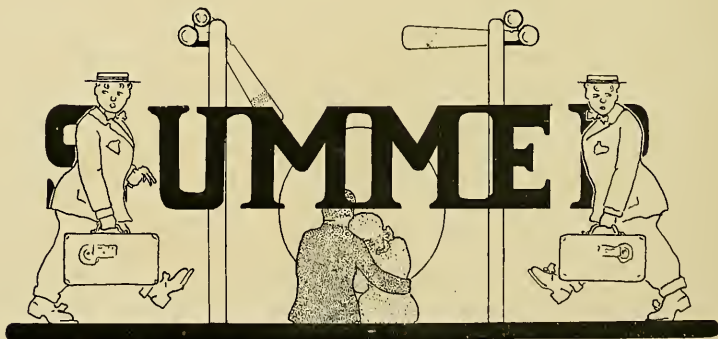


MAY, 1906.

4. Freshman banquet broken up.
5. Kid tries to become beautiful and alters his face by falling from wheel.
14. Battalion inspection.
19. Base ball. Massachusetts, 18; Worcester P. I., 10; on campus.
Informal, Drill Hall.
Seniors hold anniversary of tree planting.
1909 try a few stunts in H2. O ?
22. Base ball. Massachusetts, 19; Boston College, 4; at Boston.
23. Base ball. Colby, 5; Massachusetts, 2; at Waterville.
24. Base ball. University of Maine, 3; Massachusetts, 1; at Orono.
29. Senior class hold minstrel show in Red Men's Hall.
31. 1908 hold banquet at Greenfield.

JUNE, 1906.

1. State Legislature visits College. Concert by Musical Association in chapel.
7. Freshmen again visit the deep blue waters.
8. Sophomore—Freshman scrap.
13. Final exams. begin.
- 17, 18, 19. Commencement.





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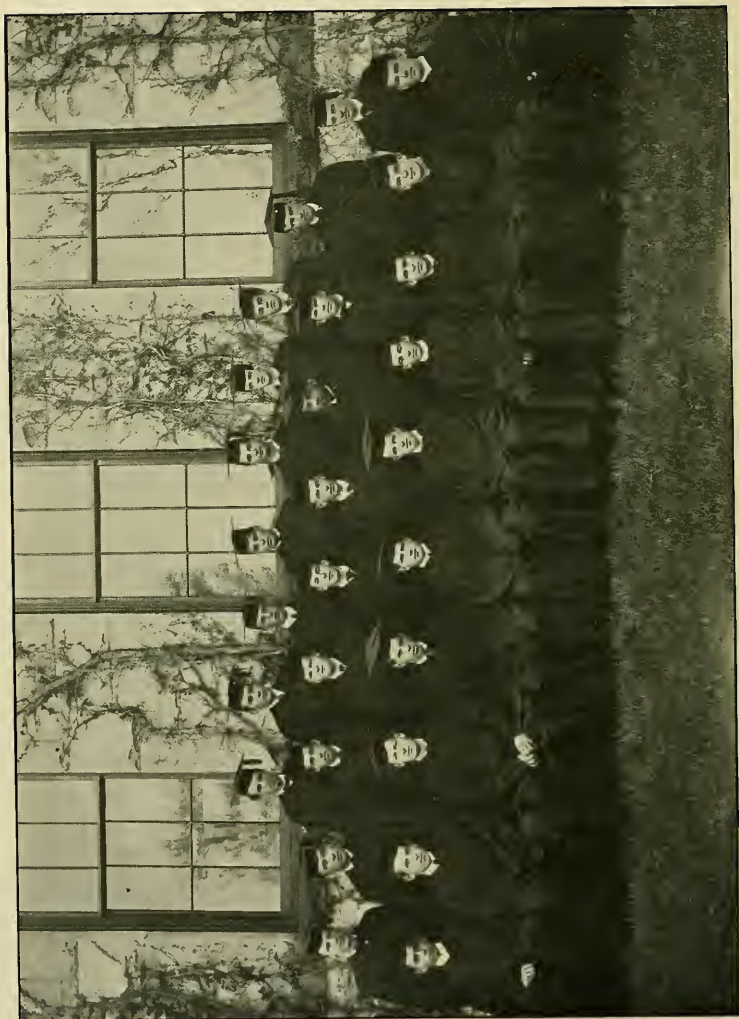
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COMMENCEMENT

SUNDAY, JUNE 17, 1906

Baccalaureate Sermon by Rev. H. S. Johnson, Boston

Flint Oratorical Contest

| | | |
|-------------------------|---|---------------|
| Ralph Jerome Watts | “The Decline of the Turkish Power” | Littleton |
| Joseph Otis Chapman | “Abraham Lincoln” | Brewster |
| Joseph Adelbert Larned | “Fixed Stars” | Amherst |
| Charles Morton Parker | “William the Silent—the man for the Crisis” | Newtonville |
| Wayland Fairbanks Chace | “Commercialism” | Middleborough |
| Clinton King | “Oliver Cromwell” | Easton |



The Burnham Prize Speaking

MONDAY, JUNE 18

| | |
|--|-------------------|
| Owen F. Trainor | Worcester |
| "Grattan's Reply to Mr. Corey" | |
| Henry W. Turner | Trinidad, Cuba |
| "Defense of Hofer, the Tyrolese Patriot" | |
| Harold J. Neale | Worcester |
| "The Death of Garfield"— <i>Blaine</i> | |
| Paul E. Alger | Somerville |
| "Crime Its Own Detector"— <i>Webster</i> | |
| Charles H. White | Providence, R. I. |
| "Agriculture as a Profession"— <i>Brooks</i> | |
| Richard Potter | Concord |
| "The Assault on Fort Wagner"— <i>Dickenson</i> | |
| Oscar C. Bartlett | Westhampton |
| "Address to the Sons of Liberty"— <i>Bates Student</i> | |
| Harold P. Crosby | Lenox |
| "Andre and Hale"— <i>Depew</i> | |



Class Day Programme

JUNE 19, 1.30 P. M.

Class Day Exercises

| | |
|--------------------------------------|-----------------------------|
| Planting of Class Ivy | Class president, C. E. Hood |
| Ivy Poem | A. T. Hastings, Jr. |
| Class Oration | W. C. Tannatt, Jr. |
| Class Song | Written by S. S. Rogers |
| Class Ode | F. D. Wholley |
| Campus Oration | F. H. Kennedy |
| Pipe Oration | W. O. Taft |
| Hatchet Oration | C. W. Carpenter |
| Battalion Parade and Drill | 4.00 P. M. |
| President's Reception | 8.00 P. M. |
| Senior Promenade | 10.00 P. M. |

Graduation Exercises

WEDNESDAY, JUNE 21

Programme

MUSIC

PRAYER

Address: "Leadership in Country Life"

Prof. L. H. Bailey of Cornell University

Address and Presentation of Diplomas by His Excellency, Curtis Guild, Jr., Governor of Massachusetts.

Announcement of Prizes

Music



Award of Prizes For 1906

Burnham Composition Prizes

Sophomore Class

First of \$20 to Danforth Parker Miller

Second of \$10 to Herbert Linwood White

Third of \$5 to Orton Loring Clark

Honorable Mention, Roland Hale Verbeck

Burnham Declamation Prizes

Freshman Class

First of \$25 to Oscar Christopher Bartlett

Second of \$20 to Paul Edgar Alger

Western Alumni Prize

Sophomore Class

Scholarship, Character and Example

\$25 to John Daniel

Grinnell Agricultural Prizes

Senior

First of \$30 to Edwin Hobart Scott

Second of \$20 to Edwin Francis Gaskill

Farm Woodlot Essay Prize

Junior and Senior

Second of \$10 to Charles Morton Parker

Hill's Botanical Prizes

Senior

Best Collection of Massachusetts Trees and Shrubs, \$15, Daniel Henry Carey

Best Collection of Massachusetts Woods, \$10, James Edwin Martin





Junior Promenade

FEBRUARY 16, 1906

Patronesses

Mrs. W. P. Brooks
Mrs. C. A. Goessmann

Mrs. J. B. Paige
Mrs. J. E. Ostrander

Mrs. F. A. Waugh
Mrs. F. S. Cooley

Committee

H. T. Pierce, *Chairman*

A. H. Armstrong
C. H. Chadwick
H. M. Clark, Jr.

A. J. Larned
Miss S. D. Livers
F. C. Peters

J. N. Summers
C. B. Thompson

Senior Promenade

JUNE 19, 1905

Patronesses

Mrs. J. E. Ostrander
Mrs. G. N. Holcombe

Mrs. F. A. Waugh

Mrs. S. F. Howard
Mrs. G. E. Stone

Committee

W. O. Taft, *Chairman*

Prof. P. B. Hasbrouck
E. F. Gaskill
S. S. Rogers

Dr. R. S. Lull
L. H. Mosley
H. A. Suhlke

G. T. French
E. P. Mudge
B. Strain



Massachusetts Agricultural College

College Colors

Maroon and White

College Yell

Mass ! Mass ! Massachusetts !

Rah ! Rah ! Rah ! Rah !

Mass'chusetts !



A Review of the Year



WE HAVE BEEN admonished not to put our "hand to the plow and look back," yet when a year long furrow has been turned and we reach its end, we have a desire to see how well we have done. And as the plough-man turns and notes where the furrow ran deep and true, where the snag or stone threw out the point, or where the turf refused to turn; so we shall note the improvements and set backs, and land marks of the year.

We came back as Sophomores to find things in an apparently prosperous condition. The crops were bountiful, especially grapes and peaches and many a visit was paid to the hill both day and night for the first few weeks. The new Horticulture building was well under way. The Freshman class brought in some good strong men and some much needed football material.

During the first few weeks, numerous entertainments were given by the talent of the Freshman class in the old "Hash House." This blot on the landscape has since been removed and embryo orators of future classes will have to exercise their ability elsewhere.

So the autumn wore on with the football team winning now and then a game but things looked rather discouraging, when, with a magnificent burst of enthusiasm the students made preparation for the Springfield Training School game. Right in the midst of this preparation came what was perhaps the greatest catastrophe this college has ever seen. Waking to the cry of, "Fire!" we saw black smoke billowing up from the college barn. Not one of us will ever forget the scenes of that night. Every man worked as he had never worked before. The students saved a large part of the stock and some of the machinery but it was heart-breaking work and the barn which had been the pride of the state was down in an hour. That was Thursday night and Saturday the Student body almost to a man went down to Springfield and helped the team trim the Training School by the best score we had ever beaten them.

The spirit roused for that game is with us yet, manifesting itself in many ways. It is the spirit that made the fellows pay double taxes without growling and bring the Athletic Association back to good standing. It is the spirit that has made Massachusetts back up a losing team as well as a winning one. It is the spirit that has made this college tackle big propositions in athletic lines, and not only tackle them but down them, too.



Another milestone in the history of our college was the re-organization of the Y.M.C. A. From a poorly supported, poorly organized society which was almost a standing joke to many students it has become a powerful influence here. Almost simultaneous with this movement, and somewhat connected with it, came the revival of the musical clubs. This phase of college life had been practically dead, but we hope now to have a musicale once in a while to distract our attention from our over-studied books.

The informals through the year have been successful and have been made all the more pleasant by serving the lunch at the intermission at the Dining Hall. The Junior and Senior Proms. were well attended and were heartily enjoyed as much in their preparation as in their realization.

Another innovation, and one which caused a lot of amusement while it lasted, was the '06 Minstrel Show. This genuine, all star, black face, aggregation roasted everyone. from the powers that be, down to the poor fellow who lost the last car from Holyoke. Who can forget the tender tributes to certain members of the faculty in the topical song or the agonizing discords of the "Imperial City Quartet."

Just before college closed, contracts were let out for the building of a new barn and a new building to be devoted to Botany. Both of these are now being constructed. The landscape has changed hardly any, and when the new barn is completed an alumnus can come back and feel at home. He will, however, miss the first thing that used to greet his eye, namely the stars and stripes flying from the old flag pole, for after over forty years of service it was blown down last November.

Through the winter we heard rumors from time to time about a new president and finally we found out who it was to be. Then the base-ball team went down to Kingston and brought back a favorable report of him. In June we caught a glimpse of him on the commencement stage. On the first day of college this September we welcomed Kenyon L. Butterfield and his policy of the "Square Deal" with all the enthusiasm of which an expectant student body is capable. The Inauguration meant little more to many of us than did that first morning. Now "Massachusetts" and our new Prexy are well started upon another year; the first year, we hope of a new period of glorious activity.



The New President of the Massachusetts Agricultural College



WHEN A COLLEGE seeks a new president it has a difficult task to perform, but the trustees of the Massachusetts Agricultural College had not only the ordinary difficulties to contend with, but those peculiar to a college of its kind. It has mastered these in the selection of Kenyon L. Butterfield to take the place of President Goodell.

While born in Michigan in 1868, he comes of old Massachusetts Bay stock—the Butterfields and Davidsons. Among the pioneers of Michigan was his grandfather, a man prominent in farming and also of experience in the Michigan Senate. The new president thus has the pioneer capacity, which is essential in a leader in any progressive educational institution. He takes from his father those elements and characteristics of agricultural life which are also essential, for the father has been a leading farmer of Michigan, a member and secretary of the Board of Agriculture of that state, a member of the faculty of the Michigan Agricultural College and is now secretary of the Michigan State Agricultural Society, in charge of the State Fair.

President Butterfield had the experience of a dairy farm, was educated in the public schools of Michigan and graduated from the Michigan Agricultural College in the agricultural course in 1891, with the degree of B. S. He then had an experience upon an agricultural periodical. In 1895, he was made superintendent of the farmers' institutes of Michigan, and here he met with great success, thoroughly organizing an institute system. He was also field agent of the Michigan Agricultural College for a number of years.

The University of Michigan honored itself in 1902 by admitting him to the degree of A. M., as a result of his work in sociology and economics. In the same year, 1902, he was made instructor in rural sociology at the University, and in December was elected to the presidency of the Rhode Island College of Agriculture and Mechanic Arts, where his ability and fine character have been thoroughly recognized and appreciated.

President Butterfield has written quite freely, especially on the various phases of rural sociology, a matter in which he takes great interest. He has contributed to the



Outlook, Review of Reviews, the Forum and the American Journal of Sociology. He gained considerable reputation and prominence by a paper on The Social Phase of Agricultural education before the convention of the association of American agricultural colleges in Des Moines in 1904. In the same year he gave one of the two papers read before the Congress of Arts and Science, St. Louis, in the section of rural community, on the subject of "The Social Problems of American Farmers." The other paper was given by Weber, of Germany.

The Carnegie Institution of Washington, an institution given to original and scientific research, organized a department of economics and sociology for the particular purpose of preparing or collecting the facts for a monumental economic history of the United States, and the head of that department, after canvassing many gentlemen suggested for the division of agriculture, selected president Butterfield as the man most thoroughly fitted and competent to take up so great a work. All who know President Butterfield consider him a man of sterling integrity, excellent scholarship, modest and retiring, but forceful and efficient, a man of initiative who sees a problem through and has the power to carry out his plans connected with it. He is a man possessing the elements of strength and growth, a worthy and capable successor of President Goodell. He is a clear thinker an excellent writer, and a good speaker.

It is a great thing for him, a young man only thirty-eight years of age, to have won the respect and confidence of his associates in the Rhode Island institution, for they all speak of him in the highest terms and are exceedingly sorry to lose him, but they feel that his field in Massachusetts will be larger than that in Rhode Island, so they have reluctantly but very graciously relinquished him to our commonwealth. He has many friends, among whom may be counted president Faunce, of Brown University, who speaks in the highest terms of him. President Snyder, of the Michigan Agricultural College, predicts a brilliant future for President Butterfield, and President Angell, of the University of Michigan, commends him as a man, a scholar, and an administrator, well equipped mentally and who is sure to grow.

Of course, President Butterfield was not an applicant for the position at Amherst. He was sought by the trustees and was surprised when the position was tendered him, but the trustees had the commendation for President Butterfield of the leaders in agricultural education, such as Professors Bailey, of Ithaca, Jordan, of Geneva, Jenkins, of New Haven, Hills, of Burlington, Wheeler, of Rhode Island and others, all of whom are familiar with his steady advance and growth. He combines the elements of the best New England stock with the western energy and optimism.

As indicated, his particular field of study, or that which interests him as much as any, is in the sociology of the farm. His syllabus for the proposed work of the Carnegie Institution stamps him as most thoroughly imbued with the science he has taken up. He



appreciates every element of the farmer's life, his work on the land as a forester, and all those social and ethical relations of the farmer to society, rural schools, rural churches,— everything that can help to make up the true and the grand life for the agriculturists— are subjects dear to President Butterfield, and I predict that he will introduce an influence,— not new, but invigorating,— which will extend the work and the value and the importance of the Massachusetts Agricultural College.

He will have an active and appreciative coadjutor in Prof. Brooks, who will have charge of the experiment station, and these two will give the Amherst institution a pair of workers that may be matched somewhere but cannot be surpassed.

This leads me to predict increased prosperity and enlarged influence for the state of Massachusetts. These men, with a good faculty and the equipment at hand, ought to convince the old commonwealth that it has not yet been sufficiently liberal in its treatment of the agricultural college, and that whatever aid it can be induced to offer will be not only appreciated, but discreetly and wisely administered.

Carroll D. Hixson



The Agricultural Department



THE WORK in the Agricultural Department in the Massachusetts Agricultural College is required of all students for the first two years of the college course. The selection of subjects during this time is determined mainly by two considerations:

First, the subjects taken up at the outset must be such as require on the part of the student the minimum of preparation in such fundamental sciences as geometry, chemistry and botany. Those which pertain to the various classes of live stock seem best to meet this condition and the study of these accordingly follows a brief general survey of the history of agriculture.

Second, so far as the preparation of the students in the abstract sciences make it practicable, such subjects are covered during these two years as are most fundamental in connection with special branches of agriculture which come later in the college course, such as fruit growing and market gardening, taught in the Horticultural Department, as well as dairy farming and other subjects taught in the Agricultural Department proper. These considerations determine the position assigned the study of soils.

The work of the last two years is taken only by those students electing agriculture and during these years such subjects as agronomy, dairy farming, the science of feeding, rural economics and methods and results of agricultural investigation engage the attention of students.

It is the object in the course in agriculture to cultivate in so far as may be possible the capacity to observe and to think and reason from observed facts. It is the aim to stimulate mental development along these lines as well as to lay the foundation for a vocation in some of the many fields open to our graduates. There are three rather distinct lines of agricultural employment toward which students of the Massachusetts Agricultural College may look forward: first, farm management; second, teaching; third, experimental work. The student may aim to fit for farm management either as a business conducted on his own account, or as a salaried profession. Men who understand the teaching of agriculture are in demand for positions in agricultural colleges, for positions in secondary schools and as school superintendents in rural districts. Experimental work, already extensive and liberally supported by state and national governments, calls for many men and besides the fields of employment to which attention has been called,



there is one other, already extensive, in the national Department of Agriculture, the Secretary of which reports it to be difficult to find qualified men for the numerous lines of work with which this Department is charged.

The facilities of the college for teaching agriculture are extensive, but should be, and undoubtedly will be, in the near future greatly extended and improved through the provision of new buildings designed for the work of the department. Of particular importance in connection with the course of training in so far as this relates to preparation for farm management, but importance in other directions as well, is the portion of the college estate generally spoken of as the college farm. This includes 160 acres of improved land, 40 acres of pasture and 16 acres of wood land. With the completion of the new buildings, the college farm will be well equipped. The stables and silos will illustrate the latest ideas in the construction of such buildings. Both are fire proof. The dairy will also be fire proof, the walls being constructed of hollow cement blocks. The stables and the dairy have been designed with especial reference to the production of milk as nearly germ free as possible. Both will be equipped with the latest and best types of equipment and machinery. The farm will be stocked with the best breeds of horses, cattle, sheep and swine. Those breeds especially suited to New England conditions will be most largely represented. All students desiring farm practice are given the opportunity to take part in all the various branches of work which are carried on. The fields of the farm have been brought to a high state of productiveness and no effort is spared to make them teach valuable lessons in connection with all the various phases of farm practice.

The agricultural laboratory is provided with all the latest forms of apparatus for the mechanical analysis of soils and for the determination of their physical characteristics. Some pieces of apparatus are of original design and undoubtedly superior to any other forms used for similar purposes. The laboratory provides facilities for the study of seeds and crops. It is also equipped with the apparatus needed for pot experiments. Power has been introduced into the laboratory so that farm machinery may be operated for purposes of demonstration.

The department is equipped with a line of instruments for use in drainage and irrigation practicums and students electing the subject will be given actual practice in the laying out and construction of drains.

Dairy practice is provided for in a fairly satisfactory manner in basement rooms which have been adapted to the purpose. These rooms are equipped with all the latest forms of dairy machinery.

The agricultural museum contains a collection of implements, seeds, plants, fertilizer materials, and models of animals all of which are designed to illustrate the theory and practice of agriculture.



The department at present uses one lecture room, with museum attached, and five rooms for laboratory and dairy purposes. The work of instruction is shared in by the head of the department, an associate professor and an instructor throughout the entire year and by three special instructors for the dairy practice.

Wm. P. Brooks





Department of Horticulture and Landscape Gardening



IN THIS department the work may be classified into three groups, in each of which various things are being done. These three kinds of work are as follows:

1. Teaching.
2. Experimentation.
3. College Extension.

The department is undoubtedly best known through its teaching. In the minds of many people this seems to be its only function. While that opinion is wrong, the teaching work has in fact usually been the most prominent.

As at present organized, the teaching work runs in three fairly distinct lines viz:—

1. General horticulture.
2. Floriculture.
3. Landscape gardening.



Each one of these subjects practically constitutes a course by itself, although the required semester's work in the sophomore year, dealing with the subjects of propagation and pruning, is taken by all students alike. Aside from this one semester, all the work in the department is elective. The general horticulture work consists of courses in fruit growing, systematic pomology, commercial pomology, market gardening, arboriculture, and plant breeding. The floriculture work occupies the senior year and covers greenhouse construction, greenhouse management, florists' crop with the propagation, cultivation and management of each, exhibition and scoring of flowers, with a few exercises in vegetable gardening under glass. The landscape gardening course includes practical work in surveying and mapping, a study of classic designs, the design of grades, road design, grouping, planting, the various styles of landscape gardening, reports, estimates and contracts, and a thorough drill in the plants used.

As evidence of the growing interest in these subjects and of the increasing degree in which Massachusetts Agricultural College is meeting the demands of the day, it may be pointed out that this differentiation of the horticultural work into three groups has taken place within the last four years. We may also indulge the hope that the future will show equal improvement in other directions.

The work of teaching is greatly facilitated, and to some extent improved in quality, by the completion of Wilder Hall. The recitations and lectures can be comfortably carried on. The stereopticons give frequent assistance. The laboratories and drafting rooms make opportunity for many valuable exercises which formerly had to be omitted altogether.

Besides the regular classroom and laboratory work there are given numbers of field exercises, especially in floriculture, arboriculture, and pomology. The weekly seminars of the senior class add their share to the value of the training. Moreover every student has abundant opportunity (opportunities improved by too few students) to gain practical experience by working in the department out of hours. Most of this work is paid for at the rate of 12 1-2 cents an hour, but its educational value is enhanced rather than diminished by this circumstance.

The experimental work of the Department of Horticulture is not so well known. Nevertheless, one division of the Hatch Experiment Station belongs in this department. The principal lines of experiment are three:

1. The propagation of fruit trees.
2. The pruning of fruit trees.
3. The systematic study of fruits.

The experiments under the first two heads which have thus far attracted most attention are those with dwarf fruit trees. The department has a garden of dwarf fruit trees which has borne considerable fruit, large quantities of experience, and one small book.



Other experiments are being conducted with market garden crops, in plant breeding, a study of physiological constants, etc.

The college extension work in which the Department of Horticulture is engaged is not so well organized as the teaching or the experimentation; but it is still of considerable present importance and possess great possibilities of future development. Some of the more important extension schemes in which the department has recently been engaged are as follows:—

1. School gardens.
2. "Better farming" train.
3. Spraying demonstrations.
4. Outside lectures.
5. Journalistic work.

The department has assisted directly in the school garden work in Amherst, and last Spring conducted a school garden institute in Boston. The horticulture branch was well represented in the "better farming special" train which covered a large portion of Massachusetts last Spring. Several public spraying demonstrations have been held. Outside lectures before granges, farmers' institutes and other organizations are frequently given by all members of the horticultural staff. The experience collected at the college, and the results of experiments, are also made known to the public in a somewhat regular and systematic manner through contributions to various periodicals.

The equipment of the department consists of land, buildings, orchards, gardens, greenhouses, tools, scientific instruments, etc. There is supposed to be roughly 100 acres of land on the horticultural side of the college; but the best surveying instruments now available do not discover quite so much. It is extra fine land, what there is of it; but only a comparatively small portion of it can be used for crops. Some of it is in forest, part of it serves the general purposes of college campus, Wilder Hall has devoured a section, Dr. Stone has cribbed some acres; but there is always the resource of intensive cultivation to make up for diminishing area.

The principal buildings of the department are Wilder Hall, the plant houses, the stable and tool houses. Of these only the first is modern and satisfactory. Wilder Hall can stand any reasonable amount of praise. It is a beautiful, practical, substantial edifice of brick and terra cotta, containing a surprising amount of room and uncommonly well adapted to the purposes for which it was built. The Durfee plant house was the wonder of its day; but its day was contemporaneous with those men whose sons are now coming back to college. In the way of tools, scientific instruments and minor equipment the department is well provided. The mathematical and surveying instruments, some of them designed and made especially for our work, are worth a day's study any time.



This recital of the good things belonging to the Department of Horticulture and Landscape Gardening must not leave any impression of self-complacency, nor suggest the thought that the department managers are in any way satisfied with what they have got. There are great improvements yet to be made. The department is to be "bigger, busier and better" in every respect, from the size of the cauliflowers down to the salaries of the instructors.

This improvement is to cover every line of departmental activity. In the way of instruction the teaching force is to be strengthened. The courses are to be extended and improved, especially in market gardening, forestry and floriculture. The experimental work will have added support from the funds appropriated by the Adams bill which recently passed Congress. Plans are already formed for important advances along this line. In the way of extension work new schemes are already outlined, the development of which waits only for a little more time and money. The material equipment of the department will be increased just as rapidly as the legislature can be convinced that this is the most important enterprise under the protection of the state. First of all an entirely new and modern range of greenhouses is imperatively required. These should offer space for the demonstration of violet culture, rose growing, lettuce growing, and the management of all the standard glass-house crops under strictly modern commercial conditions. New tool houses are also an immediate necessity. The next need will be for a good fruit house with cold-storage equipment, in which fruit can be handled, graded and stored in twentieth century style.

But what is the use of starting in to tell of the things we want (and expect to have)? Before we get them there will be dozens of other things which will be equally necessary in their time and place. We may comfort ourselves with this reflection that, unless there should be some radical failure somewhere, the time will never come when there are not improvements going forward in the Department of Horticulture with other and greater improvements just ahead.

F. A. Waugh



The Chemical Department



PORTION OF WORK allotted to this department of the college consists of the study of everything which in any way appeals to the senses. That is, all kinds of materials. These are especially studied with reference to their use in the production of food and shelter for man. This is *agricultural chemistry*. Agricultural chemistry, together with all other kinds of chemistry, occupies merely a corner in the great domain of physics. With the evolution of the latter, this corner continually becomes smaller and smaller, and, as something distinct from physics it may ere long entirely vanish, like the "imponderable gases" of the old chemists. Students in chemistry need have no fear, however, that their favorite domain is doomed. They should know that the field in which they must make themselves, *at home*, is gradually becoming more and more extensive. For the time is close upon us when a chemist must also be a pretty good electrician, and mechanic as well. He must know not only how to watch for colors and smells, but, in addition, how to generate and apply electricity, mechanical and other forms of energy. Not only how to direct the chemical process in a mill, for instance, but how to construct the mill itself, in all its manifold equipment.

Our courses aim to inculcate accurate observation, logical thinking and systematic and constant industry, together with a comprehensive knowledge of the subjects taught. Instruction is given by text books, lectures, and a large amount of laboratory work under adequate supervision. The laboratory work at first consists of a study of the properties of elementary matter, analysis of simple combinations, and their artificial preparation. This is followed by a quantitative analysis of salts, minerals, soils, fertilizers, animal and vegetable products. The advanced instruction takes up the chemistry of various manufacturing industries, especially those of sugar, starch, and dairy products; the preparation of animal and plant foods, their digestion, assimilation and economic use; the official analysis of fertilizers, fodders and foods; and the analysis of soils, waters, milk, wine, and other animal and vegetable products.

The courses are as follows:

Freshman year, second half of second semester, four hours a week. General chemistry, Part I, principles of chemistry, non-metals.



Sophomore year, first semester, six hours a week. General chemistry, Part 2, metals.

Second semester, five hours a week. Subject continued, dry analysis.

Junior year, first semester, eight hours a week. Qualitative and quantitative analysis, organic chemistry. Four hours a week. Special subject.

Second semester, ten hours a week. Organic chemistry. Five hours a week. Special subject.

Senior year, first semester, three hours a week. Chemical industries. Eight hours per week; quantitative analysis and physical chemistry.

Second semester, eight hours a week. Advanced work with lectures.

A special course in dairy chemistry is conducted every winter.

As soon as adequate facilities are at hand other special courses will be introduced. At the present time, in the old laboratory building, it is impossible to arrange for or to execute experimental work in agricultural chemistry because of lack of room and of appliances.

C. Wellington.



Zoological Department



THE ZOOLOGICAL DEPARTMENT conducts the courses in Physiology, General Zoology, and Geology.

Physiology

Freshman year, one half of the second semester, four hours a week. The general acquaintance which the student already has, from previous work, of the anatomy of the body and the physiology of its parts permits of a review of the subject in a short time. The human skeleton is dealt with more especially from the standpoint of the fitness of its several parts for the functions of the body, with some attention to its more primitive and more specialized characters; the muscles as modifiers of the skeletal framework, and so forth; the body, as a whole, as a complex system of machinery of which heart, alimentary system, brain, glands, etc., are parts; the organs of special sense as connecting links with the world outside the body. A few lectures deal with the relation of the organism to the medium in which it lives and the effect of function on structure.

The relations of conduct and exercise to the normal functions of the body are discussed.

Considerable attention is paid to the mechanism of digestion and the changes undergone by food in the alimentary canal, in connection with diet, mastication, and so forth.

Questions of sanitation such as ventilation, house construction, water supply, disposal of sewage and garbage, transmissible diseases, and the hygienic principles involved, are dealt with quite fully.

Zoology

The courses offered in Zoology include: an introductory course, Zoology II Sophomore year; a more advanced course, Zoology III Junior year; a graduate course, as a minor for the degree of Doctor of Philosophy, Zoology IV.

Zoology II

Sophomore year, first semester, two periods per week. The aim of this course is to give the zoological part of an elementary course in Biology. It consists of a laboratory study of such types as rhizopod, flagellate, ciliate, sponge, campanularian, medusa,



starfish, annelid, lobster, bivalve, squid, acraniate and vertebrate. Lectures deal briefly with related forms, classification, systematic position of forms dissected and principal points of interest in each form. This course or its equivalent is a prerequisite to Zoology III.

Zoology III

This course includes a suitable amount of lecture and laboratory work. Four periods per week through the Junior year. A large number of types are dissected. The course aims at giving a much more complete knowledge of each group than it was possible to obtain in Zoology II. The lectures deal with the comparative morphological features in each group and among the different groups; with interrelationships and taxonomic values as a foundation for further work in phylogeny. Questions of ecology are emphasized in those groups that have relations with insects, or plants, or the soil,—or which are of practical importance in the life and affairs of the commonwealth. Questions of origin, adaptation, and development, and kindred topics are discussed. Attention is given to the technique of microscopic preparation in connection with the laboratory study of animal forms.

Advanced Course

Three semesters, as a minor for the degree of Doctor of Philosophy. The work here is of a more advanced character. It consists of lecture and laboratory work and required reading. The student is expected to undertake the investigation of some problem in ecology such as the distribution of seeds by birds, the relations of birds to insects, the habits, adaptive modifications and practical importance of burrowing mammals native to the state, etc; or of some problem connected with sanitation, or fishing industries, or parasitic forms, such as the Myxosporidea and their devastations and life histories, etc. Lectures treat of the historic aspect of zoology, ecology, of the various groups from Protozoa up, comparative zoology, invertebrate and vertebrate comparative embryology, phylogeny, philosophic zoology, geographic distribution, cytology. Reading is required in connection with the lectures. The laboratory work is an examination of types and work in histology and embryology.

Zoological Club

The zoological club meets once a month for the discussion of papers on various topics of zoological interest, and the review of current literature.

The Museum and Equipment

The Museum is one of the most complete for its size anywhere to be found. The equipment for physiological, zoological, and geological instruction is ample.



Geology

Junior year, second semester, three hours per week.

Petrography

The course begins with a consideration of the rock forming minerals and the principal rock types. The crystallography and cleavage of the rock-forming minerals are dealt with briefly as an aid to the determination of the constituent minerals in the hand specimens and the chemical composition is briefly outlined for the sake of an easier understanding of the process of weathering. Then follows a discussion of the igneous rock masses and their structural features. Lectures and laboratory work.

Surface Geology

Under this caption are considered the destructive processes leading to the breaking down of rocks. The mechanical and chemical agencies in the process and the resulting changes are all considered. The subject of soils belongs here. The sedimentary rocks are also treated here, and the reconstructive processes of swamp and flood-plain making, estuarine deposits, tidal marshes and other physiographic phenomena, such as land sculpture, river adjustment, erosion cycles and various topographic forms are considered here. Laboratory work with topographic maps.

Stratigraphy in its relation to surface geology is illustrated and discussed.

Economic Geology

This deals with rock-masses or mineral deposits of non-metallic character which are of practical importance, coal, natural fertilizers, oils, etc.

Field Geology

Field work in mapping areas, working out structural features, stream erosion, and so forth.

Historic Geology

This traces the progress of life on our globe.

The above sketch has been prepared at my request by Prof. Gordon.

L. H. Fernald.



English Department



THE ENGLISH DEPARTMENT gladly accepts an invitation to speak from the pages of the Index and congratulates the class of 1908 on being allowed to bring out its Class publication at a time so full of interest in the history of the Massachusetts Agricultural College. We are approaching the fortieth anniversary of the opening of the College. The hopes of its founders are beginning to be realized, and, although the history of these forty years is yet unwritten, a review of their prominent events cannot fail to strengthen us for present work and to inspire us with lofty ambitions for the future.

As it is with the College so it is with individual departments. Hence our purpose to emphasize a few facts connected with the history of the English Department in the Massachusetts Agricultural College.

The work in English during the first few years of the life of the college was upon orations, declamations, and compositions. There were also lectures upon English literature. In the seventh annual report of the Trustees, published in January, 1870, there is found, among the names of the Faculty, the name of "Henry H. Goodell, Professor of English." For the next fourteen years, the same name is found, but with the title, "Professor of Modern Languages," instruction in French and German, as well as in English, being a part of Professor Goodell's work. In the twenty-first annual report, published in 1884, Prof. Goodell has the title "Professor of Modern Languages and English Literature," and "Provisional Instructor of Rhetoric and English Composition." From 1885 to 1888 his title was "Professor of Modern Languages and English Literature." In the report of 1888 he has assumed the title, "President and Professor of Modern Languages and English Literature," which title he carried until 1890 when the "English Literature" was dropped and thereafter he was "President" and "Professor of Modern Languages."

It will be seen, therefore, that during the first twenty-three years of the history of the college the work in English was planned and directed by one man. He brought to it cultivated taste, accurate scholarship and inspiring enthusiasm. He laid broad and stable foundations for the department of English in this college; his ideal for the superstructure was high and not easily reached.



During the last seventeen years the work of the English Department has been conducted along the lines of written and oral expression and of familiarity with some of the master-pieces of English and American literature. The history of the English language and literature is receiving more and more attention, and the principles of argumentation have practical illustration. The Department holds strongly to the idea that young men need to learn the art of writing clearly and vigorously and of being able to express their thoughts in public speaking so as to interest, to convince and to persuade. They need, too, to share in that liberal culture which comes from the discovery of the jewels hidden in "Kings' Treasures." Especially do the graduates of our Agricultural Colleges need this training if they are to become leaders in that work of bettering the conditions of life in our rural communities for which there is such crying need, and responsibility for which lies pre-eminently at the door of the Agricultural College.

George H. Mills..



Department of Veterinary Science



URING THE PAST twenty-five or thirty years the subject of medicine, both human and veterinary, has undergone a complete revolution. These changes have resulted from a study of the modern science of bacteriology through which we have become familiar with the nature and life history of the causes of many of the infectious diseases formerly shrouded in deep mystery. Many of the diseases belonging to this class, that were formerly supposed to be due to the influences of unfavorable surroundings, are now known to be caused by specific organisms or their products of which we possess a definite knowledge regarding their morphology, environment and chemistry. This knowledge enables us to attack the organism or its product in such a manner that it is either prevented from gaining access to the body or its effects are neutralized or counteracted in the system so that the occurrence of the disease is prevented or is quickly cured.

The highest aim of modern medicinal science is the prevention of disease. The possibilities in this direction are fully as much, if not more, in the hands of those who have to deal with the individual when in health as when under the control or direction of the medical practitioner whose services are not, as a rule, sought until disease has made its appearance. To cure disease then is one of the chief functions of the practitioner; to prevent it is of greater concern to the layman. Most of our farm animals start out in life with a strong constitution and a clean bill of health. By the proper application of the rules of modern animal hygiene it is possible to maintain this condition in them. One of the principle objects of having a course in Veterinary Science taught in an agricultural college (where students are not graduated as veterinary practitioners) should be to so familiarize the student with the nature of the cause, course, and effect of disease as to enable him to prevent its occurrence or to avoid its ill effects when this can be accomplished in a simple manner.

In the arrangement of the courses of instruction in the Veterinary department in Massachusetts Agricultural College this important phase of the work has been kept in view and carried out, without, in too great a measure, neglecting the demands of prospective students of human and veterinary medicine. It is the intention to teach more of fundamental principles of medical science, rather than too many of the details of special pathology or surgery. To accomplish the purpose in a most satisfactory manner, two lines of work have been taken up, a course in Veterinary Science proper and a general course in Bacteriology.



In the former course, instruction is given in veterinary hygiene, veterinary anatomy and physiology, general pathology, materia medica, minor surgery and practice of medicine. The course in Bacteriology covers the subjects of the classification of bacteria, methods of growth, spore formation, spore germination, environment of bacteriology, chemistry of the same and their relation to such phenomena as fermentation, putrefaction, pigment production, production of disease, prevention and cure of the same, nitrification in the soil, relation of bacteria to the dairy, etc. To carry on these two lines of work advantageously the department has been provided through the generosity of the legislature, with a commodious laboratory and hospital stable, with the necessary equipment for the same, consisting of microscopes, incubator, microtomes and other valuable scientific apparatus and material for laboratory study or demonstration purposes.

James B. Paige





Mathematical Department



NUMBER OF SUBJECTS which are more or less related, are in charge of this department, and the object sought to be accomplished is dependent to a certain extent upon the character of the subject. During the freshman year instruction is given in algebra, solid geometry and plane trigonometry. The primary object of this training is to familiarize the student with those portions of the subjects which are necessary for a proper understanding of a number of studies

which come later in the course. The main object then is utilitarian, that is to familiarize the student with tools which he must subsequently use. The educational and culture value of the instruction is however never lost sight of. Logical thinking and the development of the reasoning powers of the student are sought by the instructor in the presentation of the subjects. The instruction also aims to train the student in conciseness of expression and to emphasize the necessity of accuracy.

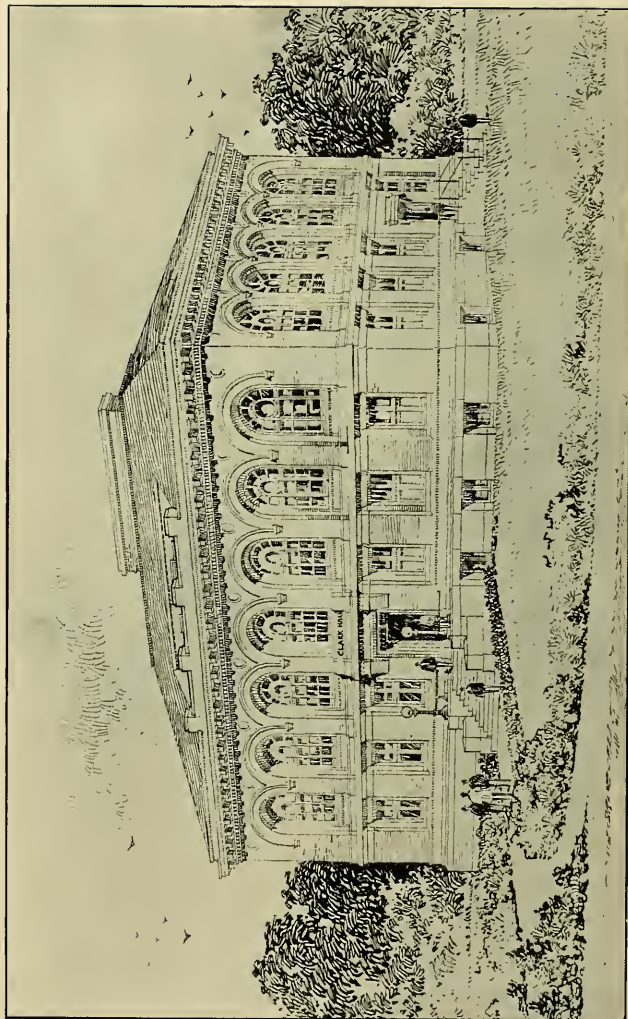
The course in analytic geometry and calculus given as an elective in the junior year embraces only as much of those subjects as are necessary for a proper understanding of any but the most elementary portions of physics, chemistry and the applications of mechanics to construction. The drill afforded by these subjects in mathematical processes is of great value in affording the student a mastery of the mathematics of the freshman year.

The very limited time allowed to physics in the curriculum, and the absence of any facilities for laboratory instruction cause the instruction to be confined to the presentation of only the most fundamental parts of the subject. The department especially regrets the adverse conditions under which it is obliged to present such important subjects as mechanics and electricity and its inability to give even an elementary laboratory course.

The course in surveying is designed to acquaint the student with the use of the compass, transit and level, so that he may be able to perform the ordinary problems of land surveying and drainage.

The aim of the instruction in civil engineering is to qualify the student for immediate usefulness in the field in the subordinate positions, and also acquaint the student with the principles of a few of the most important divisions of the subject. Especial attention is given to the courses in road construction and earthwork on account of their prominence in landscape engineering. The courses in strength of materials, elementary structures, hydraulics and foundations are given considerable attention. The student is also given considerable drill in the use of the surveying instruments adapted to topographic and landscape work.

J. E. Brainerd





The Botanical Department



THE OBJECT in the course in botany is to teach those topics pertaining to the science which have a bearing upon economic and scientific agriculture. The undergraduate work extends through six semesters.

In the freshman year the work consists of a study of the histology and physiology of the higher type of plants, including a study of the minute structure of the plant organisms, such as stems, roots, leaves, seeds, etc., together with their functions and their chemical and physical properties; followed by a study of the relationship of plants, their gross structure and extensive individual practice in flower analysis. An herbarium of 200 species of plants is required.

In the junior year the study of the lower forms of plant life is taken under the head of cryptogamic botany, followed by a course in pathological and physiological botany in which the common fungus diseases of crops are studied and methods of prevention and control discussed. The plant's functions as related to susceptibility to diseases are also studied.

Plant pathology and physiology are taken up in the senior year. This year's work is adapted to the requirements of students who desire a more detailed knowledge of plant diseases and plant physiology. Each student works along the lines which will aid him most in after life. The diseases and care of green-house plants, garden crops, farm crops, shade trees or orchard trees, etc., are taken up according to the individual needs or tastes of the student. Tree surgery is an important feature of the work.

A graduate course of one year and a half leading to the degree of Master of Science is given in which the work may be listed as general and special botany, and special problem work.

The degree of Doctor of Philosophy is given after a three years' graduate course, which includes a special problem for investigation and courses in physiology, pathology, mycology, ecology, taxonomy, histology, history of botany and the theories of evolution. A monthly botanical conference is held for the senior and post-graduate students at which subjects of either a botanical nature or of general interest are discussed.

Heretofore the department has been handicapped by lack of facilities, but Clark Hall, now in course of construction, has been designed to meet the exacting requirements of the department, and as soon as completed will place the department of botany in a position to handle easily and completely the work required to give a thorough training in this important science.



Department of Entomology



INSECTS ARE THE CAUSE of much financial loss in nearly every occupation followed by man. Particularly is this true in the various lines of agriculture, where it is conservatively estimated that over four hundred million dollars worth of crops is lost by their attacks each year, while this sum is frequently doubled by an unusual abundance of one kind of insect or another.

Much of this loss can be avoided by proper methods of treatment applied at the right times and in the right ways and with this in view the general subject of insects, their lives, habits, injuries, and the best methods of control is taken up during the last half of the Junior year.

Such a course must be very general in its nature, however, and in the Senior year the subject is also offered as an elective. During this year the work is mainly individual in its nature, being arranged to best meet the needs of each one taking it. The student who plans to become a fruit grower studies the insects which attack fruit and fruit trees, learning to recognize these and their work during all stages of their growth, how to protect his trees from their attacks and the best methods for their destruction when they are already present. The would-be market gardener investigates the insects attacking market garden crops in a similar way; the florist learns of green-house pests and the future teacher of nature studies learns of the insects most important in all the different lines of agriculture.

For the future physician careful training in anatomical and histological methods is available, and a careful study of structure and cell is made. Insects affecting stock are considered by those who expect to take up stock raising or dairying, and in each line the student specializes with direct reference to his future occupation.

The ravages of insects have greatly increased during the last half century. Not only have we our native pests to contend with but over a hundred kinds of foreign ones have reached this country. This has resulted in a demand for specialists in Economic or Applied Entomology, either as State or Experiment Station Entomologists or as business men caring for trees and other plants on large and small estates. Such men need a more thorough and extended knowledge than can be given in the time available during an undergraduate course, and to meet the increasing demand for these experts, graduate courses of a year and a half and of three years have been established for the purpose of giving to



such men the requisite training. In these courses two subjects,—a major and a minor,—are required, the major subject occupying twenty hours and the minor subject averaging from twelve to sixteen hours each week. At the end of a year and a half of this work the M. S. degree may be obtained by passing examinations and presenting a satisfactory thesis containing original work. Another year and a half, the minor subject now being a different one from that first taken, followed by examinations and a satisfactory thesis, entitles the student to the Ph. D. degree. With entomology as his major subject the student in such a course may choose from botany, zoology, chemistry or horticulture, which two he will take as minors and thus select those more directly applicable to the particular lines of his future occupation.

Such a course as this provides a thorough training for men of ability, and the demand for such thoroughly educated specialists has thus far exceeded the supply. In fact, many who have begun the course have felt it necessary to leave before completing it, to accept offers which they believed they could not afford to refuse.

H. P. Fernald.





Military Department



WHILE THERE is yet a great deal to be done to make the Military Department all that could be desired, it is felt that improvement has been made and that a great deal more will be accomplished in the future. It is believed that students, Faculty and Trustees are becoming more and more convinced that a proper course of training along military lines is an excellent thing. Excellent because of its training along lines of discipline, because of its great benefit from physical exercise given and because it trains each year a number of men who in time of national peril could take hold and help train the volunteer armies that might be needed.

It is not felt that Military drill is given the time that might well be granted to it. At present the battalion only has three drills each week. A daily exercise would be of great value. The importance of regular daily exercise under intelligent direction, cannot be overestimated and nothing else conduces so perfectly to effect this as military drill under a competent instructor. The military drill produces an erect and graceful carriage, and a manly and self-respecting bearing towards others. Nor is there any element of training which so cultivates the habits of regularity, neatness of person and quarters, promptness, obedience, and self-control, as the military discipline. Under this training, stooping forms become erect, narrow chests expand, an uncertain and shuffling gait becomes steady and elastic.

During the past year the War Department has allowed the College to turn in the old and obsolete Springfield Cadet Rifles and have issued in their place the new and modern Krag-Jorgensen magazine rifles. No better rifle is made and it is to be regretted that we have no suitable rifle range on which to hold target practice, the old range being condemned last spring as not safe. In the near future it is to be hoped that a new and larger range will have been erected.



The military instruction has covered substantially the same ground as in previous years. Cadets have shown even more than their usual interest in the various drills and it has been possible to attain a higher degree of precision and to cover the ground more thoroughly than in the past. The Commandant has been particularly pleased and gratified by the marked faithfulness and efficiency that has been uniformly displayed by the cadet officers and non-commissioned during the present semester. These young gentlemen have in almost every case appeared to the Commandant to have been constantly actuated by a high sense of duty and as a body to have had a thorough understanding of the responsibilities and obligations of their positions.

For the purposes of discipline and practical military instruction, the Battalion is divided into three companies, a staff, and band. The Cadet officers are chosen from those Cadets who have been most exemplary in conduct, and most soldierly in bearing, and who are proficient in their College work. Thus feeling that he has the support of the college authorities and being placed on his honor properly to discharge the duties of his position, a Cadet Officer becomes an efficient aid in the maintenance of discipline, and reports such breaches of regulations as come under his notice, for the most part, without antagonizing the Cadets reported. The importance of having the Battalion officered by the most faithful and efficient of its Cadets cannot be overestimated, for through them the greater part of the discipline and instruction of the Corps has to be effected. To this end it is usually required that a Cadet shall have served two years, at least, before receiving a commissioned office, and at least one before receiving an appointment to any non-commissioned grade, and that he shall pass satisfactorily both theoretical and practical tests of his efficiency.

Military drills as conducted in this department, are found to be as valuable in teaching the Cadet self-control, alertness, and thoroughness, as they are beneficial as an exercise. Implicit obedience and close attention are required, and executing command after command the Cadet soon becomes, perhaps without even special effort on his part, subordinate and well disciplined. Thoroughness, precision, and the closest observance of details are insisted upon; no improperly executed movement is permitted to go uncorrected, and being taught to understand that the general efficiency of the Battalion is determined by its weakest men, and that each Cadet is individually responsible for the general excellency of the command, the Cadet becomes interested in seeing how well he can execute each movement, and how much his individual efforts can contribute to the general efficiency of his company. Friendly rivalry between the companies is encouraged in various ways.

The facilities for Drill and General Military Instruction at the College are not all that could be desired. For indoor drill the present hall is entirely too small. During the winter all sorts of devices are resorted to to keep all Cadets busy. The gallery practice room has however, been improved by adding more targets and will greatly



facilitate that practice. Owing to the large increase in attendance, the present parade ground is hardly large enough for the ceremonies and is entirely inadequate for battalion drills. During the winter months, when the condition of the weather prevents out-door work, the drill hours are largely devoted to gymnastic exercise. Butts' Manual of Physical Drills, as approved by the Secretary of War for the use of the regular army, has been adopted for the use of the Corps, with gratifying results. The variety offered by these exercises, and the musical accompaniment, make them especially pleasing, and care is taken to prevent distaste resulting from fatigue.

The scope of military instruction includes Infantry drill in the school of the soldier, school of the company, school of the battalion, battle exercises and all the ceremonies. In Artillery, the school of the cannoneer and mechanical movements; Rifle practice in nomenclature of the Rifle, and its care and preservation, Position, Aiming, Sighting and Estimating Distance Drills, Gallery Practice, and Practice on the Range. The band is trained by an experienced band leader and musician who devotes two hours each week to this instruction. Theoretical Instruction is given as prescribed for Colleges of Class B in G. O. No. 101 War Department, Washington, June 25th, 1905, by means of text and lectures; in the drill regulations, principles of military science and ordnance and gunnery.

Geo. C. Martin.

Captain of the 18th U. S. Infantry.







Naughty Eight On The War Path

"Challenge's up," a Freshman shouted,
From the door-way of North College.
And the news flew round among them
That before another sunset
They must play a game of football.
With their mortal foes, the Sophomores.
And they played the game and lost it.
Grittily they played, but fortune
Smiled upon their adversaries.
But 'tis not to football memories
That I dedicate this story,
But to wild events that happened
On the night and morn preceding.

While the tired Sophomores slumbered,
Wearied by the hours of practice,
They had spent in preparation
For the game upon the morrow.
Forth the verdant Freshmen sallied,
Armed with paint pots and with brushes,
And their numerals boldly painted
On the walks and on the goal posts;
While the workmen's shed up yonder,
Where Chief Waugh's new lodge was building
Bore the hideous numbers, stretching
Full six feet from top to bottom.
And around them and among them,
Like a guide-board filled with bird shot,
Smaller ones were intermingled.

Now, when rose the sun next morning,
Sore displeased were all the Sophomores,
And wild shouts and yells ascended,
Mixed with threats and imprecations.
And they soon were on the warpath;
Out for blood were they, and vengeance.

Soon some artists they selected,
From among the passing Freshmen,
And ere long the face of nature
Smiled in grateful approbation;
For each nine was changed in contour
By the skillful Freshman artists
To an eight, that shone upon us
From the workmen's shed up yonder,
By the side of Waugh's new tepee,
Visible to all the valley.





Next the party travelled toward,
Down to where the trails are blended,
Just below the humble wigwam
Of the great chief Billy Hasbrouck.
Here upon the sidewalk glaring
Was more work of the marauders.
Even the black tar walk looked grateful
When the Freshman paint-brush wielders
Had closed in the lower circle
Left before so widely gaping.



Next in order came the goal-posts,
Well besmeared with Freshman symbols,
On the posts, and on the cross-bars.
Tired were the first few artists
By their long, sustained exertion,
And the cry was raised for others
Who might shinny up the goal-posts
And paint out the offending numerals,
Some obeyed without contention;
But one, sullenly declining
To proceed as he was bidden
Felt strong hands upon his shoulders,
And a wrathful band of Sophomores
Bore him like a Kansas cyclone
Downward to the pond so slimy,
Known as Freshman Purgatory.

Meagre was the ceremony,
Short the time of expectation.
Far out on the placid waters,
With a mighty splash he landed,
While a war-cry woke the echoes.
Meanwhile from his lofty tower,
Shaking fist and shouting warnings,
And dire threats and imprecations,
Leaned the mighty chief, Ostrander,
He so great with chain and transit;
Black his face and flushed with passion,
With his anger at the outrage.
Back the dripping victim hurried,
And, lest rheumatism catch him.
His speed was accelerated
By the war-club's vigorous usage.
As once more the band was gathered
On the campus near South College,
Two great chiefs came forth to parley
And to talk the matter over.

Full of wrath was chief Ostrander,
And a cloud seemed darkening o'er us,
But the other chief was greater,
And his reasoning was wiser,
And quite soon the strife was settled,
And the hatchet and the war-clubs
Laid aside for future battles,
And once more peace dwelt among us.





A Pea Green Freshman

There are always a few Freshmen who overrate themselves in their work and make themselves out a hero too soon. A letter which was found on one of the desks in room 23 North College will plainly show that this Freshman had put much diligent work upon Teddy's new "fonetik" spelling.

Amherst, Mas.

"Deer Oby :

Oktober 24, 1906.

As I hav a littl spar time i thot I wood drop u a few lines and giv yu Sum Akount of mi Progres in mi studdys since i kam to Amherst. I hop yu wil be gratefyed to here that i am at the Hed of mi class. In figgers and Gometri I hav the othr bois skinned to Deth. As for the French tong y Monsewer Herrick seyes I do fin. I get the pronunsheachon goode as a Parishiner but mi grandma is poor.

As for mi Pearsonel comfits I am very wel xcept for a complant on my seet, whear the bois of the Sofa-more class spanked me.

If I hav any other complants it is on my Vittles.

The bois taunk so roode that I kan not eet. And they bring the vittles on in such a hurry thet I kant find time to eet them all. I wish i was a Day border partikly as my room mate or rum mate coffs al nite and keeps me up. The Sofa-mores tuk hour Pipes away from us and kam neer raizin a riot on that Hed.

I hev onely bin flogged once and caind twice. Some hav got it twic. Sum of the bois wispr in skool hours but I sit in a frunt seet and kant wispr. Wen they git cot they are begd off by the bigr bois and go Scot fre. One feller out hear got wanged round terrible and now has no yuse of his lims and has the Roomtix so bad thet we bring him ovr his dinner. One Wenesday was the Presdent Norgorashun and we had a haf Holly daye. We went Waukin witch is seldom more than i had time for. I hav met sevrel fellos, witch are to be kum mi liflong frinds. One of them is called Josia, he is a Grossers sun and sum of the big bois teas him.

I also rit to ask yu if I kan lern to Dance this Wintr. The fellos say twil be the makin of me. I wish yu wood consider the mater over. Last year the big bois had a fite and sum got orfuly hurt. One boi got his nose renched and nother one brok his face. The neu Presdent wont allow sech fites if he nose it, as he don't believe in Puglism as in there times of lif it provz fatle. Next yer I am goin to studi Pollytiks



and Physics. They say taint mutch lik the kind yu giv me when I am out of ord. The sentymints of the bois is much in faver of new bildins and soem i I hop sum day they wil hav um.

Well I must cloz this intrestin letter now as my room mate is coffin and I cant consentrite my thots as a good riter shood. I hop yu will remembr me to Juler and the rest and ask um to send me some new fangled things for my roome. Partikly sofer pillers.

Now I hop yu will rite sone to your deer sun and hop this letter wil find yu in good health. With respektiv complemints to all I remane.

Your deuitful sun,

SIME.





The N. C. R. H. G.

"Zipp-Boom!" "Crash!" "Bing!" "Slam-bang!"
Hail the North College Roughhouse Gang.
Joe Beals the leader and close behind
Squire and Rouge and Dot you'll find.
And a room is stacked, or a bed upturned,
A Freshman scared or an old trunk burned.
"Raus mit der studying;" what's the use,
There is no study when they get loose,
When a couch breaks down 'neath the weight of nine.
They all declare, "It's something fine."

Many a night have Juddy and Raas
Choked each other till both saw stars,
Art and Bull-foot, and Nervy and Chet
Have had many a mixup we wont forget.
Larry and Dexter, and Doc. and Bug
Somehow got through, but they never plug.
But 'taint wise to tell just all you know,
This all transpired a year ago.
Still if all we hear is true,
It's the same old place with a brand new crew.





Caught in the Classroom

Prof. Mills.—“What lesson can be drawn from Robinson Crusoe?”

White (unhesitatingly)—“Man CAN live alone.”

Hyslop.—“The Poland Chinas are a black sheep with white tips.”

Wellington.—“They are *excessfully* fat.”

Prof. Cooley (in oral test on swine)—“Easily domesticated or otherwise?”

Jones—(just finishing recitation.)—“Yes, sir.”

Edwards (in Physics explaining the 980 in relation to ergs).—“Take a centimetre weighing one gram.—”

Prof. Waugh (in initial talk on Horticulture).—“Some men have made all their money on peaches and—some have lost all their money on peaches.” (The joke grows and everybody laughs and then Prof. Waugh laughs.)

Prof. Ostrander.—“Mr. Allen, what is an engineer’s chain?”

Allen.—“It’s a tape measure.”

Paige recites upon tragedies.

Daddy: “Have you encountered any tragedy in your life?”

Paige: “Yes, sir”

Daddy: “I should presume so.”

CONVERSATION UNDER PREXY’S WINDOW.

Wellington, “A’int she a beut?”

Cummings, “She a’int—”

Wellington, “She a’int, a’int she?”

Cummings, I a’int said she a’int”

Wellington, “You a’int, a’int you?”

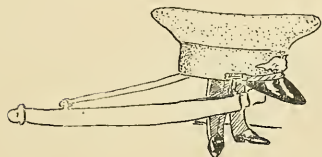
Cummings, I a’int. She a’int so bad.”



- M** Stands for Mathematics,
The subject we all dread;
It also stands for "Muggsy,"
The king of the devils red.
- A** Stands for the answer
For which we vainly strive;
If we could get them right,
It's a cinch we all would thrive.
- T** Stands for temperature
Which over us does creep
When under the eyes of "Billy"
At our cribs we take a peep.
- H** Stands for ———,
The place so nice and warm,
A word to the wise is sufficient;
Get busy and reform.
- E** Stands for endeavor,
The thing we often make
To get through "Johnny's" subject
On nothing but a fake.
- M** Stands for the microscope,
Which makes small things look big.
If "Billy" had them in his specs
I think he'd make us dig.
- A** Stands for average,
Which sometimes gets so low;
Sometimes it gets still lower,
Then comes the time to go.
- T** Stands for trouble,
Of which we have our share.
There's lots of it in math.,
So, Freshmen, have a care.
- I** Stands for improvement,
Which doubtless we all need,
As none of us yet are exactly correct,
Let thou who follow take heed.
- C** Stands for condition,
A plague of the devil's own;
To have one hanging over you
Is apt to make you groan.
- S** Stands for stillness
Of the dawn of the morning after.
With quaking heart you ask for your mark, and
"Just through" brings you to laughter.



WHO'S



WHO



AND



WHY





A Toast

Here's to the girl in the chorus,
Who makes the audience uproarous,
On the stage she is shy,
But, outside, Oh! My!
She will scatter the coin galorus.

Mr. Blake: "What do we mean by *cutting* grafting?"
Cutting: "Well, this is a method that is practiced quite a good deal."

A Water Wagon Refrain



Here comes the man
Who runs the Van,
Jump on and ride with me.

If you are late
It's just your fate,
What else could it ever be?

You ride and ride
Sit side by side,
'Till the ca-tas-tro-phe.

At last you slip
Down falls your lip,
Your off on the same old sprec.



The Chase of Chace

A youth named Chace once ran a race
And Chase chased Chace for pace,
If Chase chased Chace and won the race
Which Chase chased Chace for pace?

(Waugh reciting in English literature.)

Prof. Mills: "What word does the word lyric suggest?"

Waugh: "Liar" (lyre)

Prof. Mills: "Well, Mr. Waugh, what is a lyre?" (liar)

Waugh: "One who tells a falsehood."

Prof. Mills: "I think perhaps some of your neighbors are responsible for your definition (pause). I WILL say, Mr. Waugh, that YOU are not a lyre. Now, how do you spell lyre?"

Waugh: "L-i-a-r." (uproarious laughter)

Chemistry Recitation

Kid: "What is a battery?"

Howe (in stage whisper): "Pitcher and catcher."

Kid: "Howe, you are excused." (Howe leaves. Slight disturbance by Jackson)

"Jackson, you may go too." (Jackson leaves)

Farrar: "Two out, and Kid at the bat!"

Kid: "Farrar, you may go and make it three." (Farrar leaves. Disturbance by whole class.)

"The class is excused with cuts." (All out).

Ask "Daddy"

Sing a song of corduroys;

I'll tell you where to go:

J. Champion's for your nice ones,

But where to get the dough?



The Tour of the Faculty

The following account was found in the archives of the Chapel; The tour was outlined by Longfellow.

They left "*The Beleagured City*" by the "*Light of the Stars*," and wended their way to "*The Terrestrial Paradise*," guided by "*The Celestial Pilot*." After walking into "*Tomorrow*" never thinking of "*Sleep*" they saw beneath "*The Hemlock Tree*" "*The Child Asleep*" dreaming of "*The Happiest Land*" and watched over by "*The Good Shepherd*" and "*The Black Night*," Prof. Howard immediately suggested singing the "*Song of the Bell*" to "*Beatrice*" "*The Child Asleep*."

After rendering that selection they journeyed on "*To the River Charles*," singing "*Remorse*." Following along the banks of the river and listening to "*The Slave in the Dismal Swamps*," singing the "*Wanderer's Night Songs*" and becoming tired of "*the murmuring pines and hemlocks*," they soon found themselves in the vicinity of "*Boston*."

They journeyed onward until they found themselves near "*The Castle by the Sea*," which upon investigation by Philip was found to be the "*Wayside Inn*." Here they sat down to a hearty meal and after sipping a little "*Catawba Wine*" from "*The Goblet of Life*" and singing the "*Drinking Song*" they unanimously agreed to retire. On the way to their room which was "*The Haunted Chamber*" they passed "*The Old Clock on the Stairs*." Seated upon the sill of "*The Open Window*" the never sweet quartet rendered a song entitled "*The Day is Done*" by "*Sir Humphrey Gilbert*." The twinkling of "*The Evening Star*," attracted the attention of Johnny and as he called them all over to see the rare phenomena Dr. Paige tipped over "*The Sand of the Desert in an Hour Glass*."

After the faculty had quieted they were sung to sleep by "*The Singers*." They awoke at "*Daybreak*" much refreshed and eager for the sights around the Hub.

At the breakfast table they enjoyed "*The Sermon of St. Francis*," entitled "*Three Friends of Mine*" and then it was suggested by Dr. Stone that they take "*Paul Revere's Ride*." This did not meet with the approval of all as some wanted to see "*The Haunted Houses*" and "*The Statue over the Cathedral Door*" stuffed with "*Excelsior*" while others had a pressing desire to see the paintings of "*King Robert of Sicily*," "*Hawthorne*" and "*The House of Epimetheus*." But "*Tabby*" knowing that there would be "*Children's Hour*" at the Public Library suggested that they pass "*A Summer's Day by the Sea*." This met with the approval of all and they decided in favor of Tabby. After arriving at the sea shore it was suggested that "*The Phantom Ship*" be chartered and take a sail



to Plymouth. This was done and in a short time the good ship went bounding over "*The Waves*" with "*The Discoverer of the North Cape*" as a pilot and "*The Belfry of Bruges*" as a landmark, "*The Four Winds*" blew from the "*Souse East*" and the merry throng was seated upon the top of the cabin singing "*Over the Bounding Waves*," and telling stories of "*The Boy and the Brook*" of "*The Revenge of Rain in-the-Face*," and "*The Secret of the Sea*."

Soon "*The Lighthouse*" loomed up like ancient "*Olympus*" or "*The Tower of Prometheus on Mount Caucasus*," and they saw the "*Children*" around "*The Fire of Drift Wood*."

This was Plymouth harbor and the pilot put the ship up into the wind and the faculty stepped gently one after another in the tender "*Endymion*" and were rowed ashore by Cooley with "*The Broken Oar*."

Landing upon the beach, Osmun went searching for algae known as Fucus, a species of "*Seaweed*." Prof. Gordon in hunting for snails found a pretty little shell and exclaimed "*The Sea hath its Pearls*."

Now the merry makers made their way up "*The Rope Walk*" to "*The Golden Mile Stone*" and they all sat down to rest.

During the few moments of rest Prof. Mills and Mr. Holcomb had a warm discussion over "*Youth and Age*" and the subject was interrupted by Prof. Brooks who suggested that they go to "*Woodstock Park*" and see the statues of "*John Alden*" and "*Priscilla*" while Prof. Waugh related the few stories connected with their "*Love and Friendship*" and "*The March of Miles Standish*."

After plotting the park and noting the different trees Prof. Waugh made the motion that they embark, as he saw "*The Warden of the Cinque Ports*" coming and thought "*The Warning*" was sufficient.

After partaking of a light lunch below they all congregated on deck again ready for the sail back to "*Boston*."

It was now "*Twilight*" and the jolly crew were homeward bound.

On their way out they saluted "*The Cumberland*" with "*The Bells of Lynn*" and started in singing again, while Prof. Goessmann was relating the story of "*My Lost Childhood*."

When they arrived in "*Boston*" it was "*Moonlight*" and the "*Bells of San Blas*" tolled them that it was time to hasten to "*The Meeting*" of "*The Children's Crusade*."

After the meeting they returned to "*The Haunted Chamber*" and discussed the enjoyable trip. "There is '*Something left Undone*'" said Prof. Neal. "Yes" spoke up Ach Looley "We did not see '*The Building of the Ship*' but is too late now. Let us return to Amherst."



Between Periods

Under the shade of the sheltering trees,
A group of forms is seen.
Some are fat, some are short,
Some are tall and lean.

Some smoke their pipes of joy and peace
Some lie there fast asleep;
A few discuss their morning's work
And the tens they did not reap.

Then all too soon is heard the bell,
That does so loudly ring
And then to all the thought does come
"How fine are the days of spring."



A Few do This.



The evolution of the "College Store."

Pickups

Kid to class: "You see this is yellow" (holds bottle of liquid before window) and here it is green" (holds bottle in front of himself)

Chapman '08 in class meeting: "We and the rest of the faculty——"

Freshman to Paige '08 during scrap between Sophomore and Freshmen: "Here, hold my glasses while I get into the scrap with the Sophomores."

Daddy Mills to class when Pandora enters: "I hope we shall not have any evidence of the introduction of a new language."

Captain Martin, addressing guard posted near to bath room in Drill Hall: "You must see that no one takes a bath without turning on the water."





Spring Fever

When the days are getting longer,
And the river's running free,
And the buckets are a-hanging
On the sugar maple tree;
We know the snow is melting
On the North side of the camps,
Scattered o'er the ridge of Toby,
And we long for springtime tramps.

Just forget the coming hours
Claring on the schedule card,
It won't do to study lessons
When the fever strikes you hard,
When all Nature seems to beckon,
You must answer to the call,
Go and learn what she can teach you
"T'll beat Math, Dutch, French, and all.

Start some morning bright and early,
Throw all thought and care away.
Tramp until you're good and hungry,
Buy some grub along the way,
Test the new made maple syrup,
While your at the sugar camp,
You may find some early May flowers
For a souvenir of your tramp.

When the shadows swing to eastward
And the air begins to chill,
Then its time to hustle homeward
And of supper get your fill.
Don't sit up, just turn in early,
Rest your weary legs and brain,
You are safely through the fever
Till the longing comes again.



Howe a Wholley Execution was Made

At the stroke of eight,
You will know your fate,
For Howe are you to die;
Be Wholley there
And hear the prayer,
While others are nearby.

With a man named Jones
To tie the bones,
While a bag on his head was put,
With Ingall's tie
Which laid nearby
Howe was bound hand and foot.

With life and hope
And Raz at the rope
The drop he did have to go;
With a signal from Red,
Standing near his head,
His body swung to and fro.

With a man all Wright,
In the midst of night
A picture he did take.
A wink from Shag,—
Off came the bag,
And behold! it was all a fake.





Those Bills of Daddy's

Oh, I wish I had a million, yes, perhaps, a thousand billion,
To pay the bills as they come slowly, slowly from upon the hills:
For I worried about my dinner, every day a-growing thinner,
And I never was a winner, because I had a bunch of bills
 To be paid to "Daddy" Mills.

Then I felt my ribs a raving, on account of my money saving
And my palate had a craving, for a juicy oyster stew:
And the bills, still a running, kept on coming, coming, coming,
Till the pockets in my trousers, with the bills marked overdue
 Burst the shabby linings through.

Surely I lasted till September, and t'is then that I remember
How the bills still kept a coming, yes a coming from the hills:
What a lesson it was teaching, and how low was Daddy preaching
As my hand went slowly reaching, for the nice new crispy bills
 Just to pay dear "Daddy" Mills.

Now no more bills am I a paying and in my room I feel like staying
While dear Daddy still is sending, yes a sending all my bills.
But the bills they will diminish, for if not I see my finish
And the boys will call me Dinnis and it all adds to my ills
 Which were caused by "Daddy" Mills.

But now my troubles are all over and my heart is wreathed in clover
And as "Daddy" held his paw, he surely cleaned me, cleaned me, dry.
Now I find the path a winding, and I see the boys a dining
And the bills no more I'm minding, but I slowly heave a sigh
 Waiting for them bye and bye.



Prof. Hasbrouck: "Now, Browne you haven't any breath to waste on this nor have I. If anyone doesn't understand this I want him to say so."

Pandora (the dog, lying near the radiator in rear of room): "R-r-r-r."

Chase (in final "exam." in Physics, raising his hand): "What is that under 'How'?"

Prof. Hasbrouck (looking at the word indicated); "That's water."

Howe looks under his seat and everyone laughs.

Prof. Holcomb: "Mr. Chase, what is economics?"

Chase: "Er',-economics is the relation of men to women."

Eastman pauses in recitation upon the love poems of the 16th century.

Daddy: "Perhaps you are not interested in that subject. You may sit down, Mr. Eastman."





1908 Individual Records

CHARLES FRANCIS ALLEN. This busy and hard-plugging youth first began his course of events in the city of Worcester, sometime in January, 1886. He is a graduate of the English High School, but never let his mind lead him to athletics. He was treasurer of the class in his freshman year, and is an honorary member of the Sons of Rest. Charlie is a member of the C. S. C., and is often known around College as "Dr." "Fat," "Bottle," "Pinkey," or "Librarian."



"Bottle" is a great one for the ladies, often going to Smith on a fudge party. Very few can lose him, and he is a loyal rooter. If there were a ping-pong team or a marble team, Charles might make good, but as it is, he will have to continue making his letters in books. Charlie is going to try to do horticulture and landscape. We wish him success.

JOHN ALBERT ANDERSON. Was born in West Brookfield, July 1, 1884. By his courses in math. he is able to figure his age and finds it to be 21 years. When Albert was a "little feller" he lived in North and West Brookfield. Having played foot-ball and being a star runner, he easily found himself a very popular alumnus of the N. B. H. S. Albert is a member of the "S" club of "'08" and by his muscular appearance made the class rope-pull and foot-ball teams. He is a member of the Phi Sigma Kappa fraternity, and plays Varsity Football.

By his upright stature and military tread he has assumed the names of "Major," "Blokey" and by his democratic spirit and gold tooth smile for all, he acquired the name of "Andy." "Blokey" is a fine fellow, very seldom mingling with the fair sex, although it is known that he has frequented Westfield somewhat. For his love of nature and roaming disposition "Blokey" is going into landscape.





KENNETH FRENCH ANDERSON. This good-natured and ever-obliging youth was born in Cambridge sometime before the 23rd of June, 1887. He has lived in Cambridge, Roslindale, and Boston and attended the West Roxbury High School. Owing to his "not yet but soon" style, he never ventured into any athletics, but he stands a fine chance of making the doughnut team as he never eats the holes. Having found the easy-going, swinging, side wheeler so obliging and so honest in all his efforts, "Bush" or rather "Shylock" gave him the honor of being store-keeper when he was out on business. "Sleuth" is a terrible sport, having bet ten or fifteen cents on every class game since he came to M. A. C. "Sleuth," "Teeter," "Creeper," or "Mossy Head" as you prefer, will study agriculture.



ERNEST WINFIELD BAILEY. Was first captured in Worcester, Mass., March 28, 1885. "Ernie" claims that he is 21 years of age, but all the co-eds are of an adverse opinion. After successfully passing through the grammar schools and the Worcester South High School, "Bill" flipped the coin and decided to enter M. A. C. with '08. This was a lucky move, for if little Bill had ever got mixed up with any smaller classes, his lady-like complexion and nice silky hair would have undergone a terrible transformation.

"Bill" belongs to the Kappa Sigma fraternity, the Mandolin and Stockbridge Clubs, and the Water Cure Society, and he is a member of the Y. M. C. A. This name "Bill" originated from the song of "Bill Bailey," which was one of the first he ever played on his mandolin. "Bill" has a quiet disposition and keeps away from all roughness. He was once a famous basket-ball player on the girls' team at High School, and made his winning smile playing "crochet" with the ladies. "Bill" is taking "wheat."





BRADLEY WHEELOCK BANGS. Uttered his first war-hoop in Amherst, July 3, 1885. Always having a desire to obtain knowledge, and to make something from nothing, sometime, somewhere, he entered with '08 and has never been sorry. Bradley grad-



uated from the Amherst High School with high honors, having taken all the medals (from Millett's to the school) on the evening of graduation. Bradley is a member of the C. S. C. He is often called "Bud" or "Big Beagle" and delights in trimming "Little Beagle" in pool. "Bud" pulled on the Class Rope Pull Team.

As "Bud" was born the day before the 4th, we can readily see why he takes so much enjoyment in hunting, fishing, and the like. He is a regular huntsman, and has succeeded in killing nearly all the big game, such as sparrows, squirrels and "suckers" around Amherst. "Bud," thinking he stands in with "the Kid" and "Billy," is going to elect chemistry.

THOMAS ADDIS BARRY. The easy-going chap with the blue eyes and pink cheeks was born in Southwick, Mass., Nov. 18, 1885. Not satisfied here, he moved about in a restless disposition until finally he landed in Amherst. Having a good-sized head and plenty of room for knowledge he reaped what he could from Hopkins Academy and the Northampton and Amherst High Schools. Thinking that he did not know it all yet, he decided to polish up at the M. A. C.

"Beagle" is quite a boy, having been president of the class during the freshman year, toastmaster at the freshman banquet, captain of the class sophomore foot-ball team, and tried real hard for the Varsity. On account of his business-like appearance and his "graft" at figures, "Tom" was chosen the assistant manager of the base-ball team. "Johnnie," knowing his qualities as a "bluffer," chose him to "bluff" out the weather report each day. He is above us all now, as he rooms in the Tower, and always has room for another on a "stormy" night. "Tom" is a member of the C. S. C. and will elect math."





PERSIS BARTHOLOMEW. In this promising young lady we have another chaperon and mother for 1908. Although not entering with us she had the ability and perservance to skip a peg and join our merry throng. She was born in Melrose Highlands, November 27, 1885. After preparing for a higher education at the Melrose High School and Simmons College she came to M. A. C. for a specialty in the Horticulture profession. Miss Bartholomew is a very noted hostess and entertainer and whenever the select few go calling they are always welcomed with a freezer of ice cream or a box of fudge. She is a member of the Peek-a-Boo Fraternity. She and Miss Turner being the Charter Members.



CARLETON BATES. This good looking(?) youth first learned the art of house keeping in Salem, Mass., May 12, 1886. "Willie" was born in a very witchy city and he retains some of the ancient qualities as yet. He entered the Salem High School in 1900 and after four years he received a good liberal education. "Willie" played on the class base ball, basket ball, and foot ball teams and used his head at critical times. "Willie" has a pull with Prof. Mills and succeeded in procuring a janitorship. He is a second John McLane and any Saturday morning you will find him hunting through the waste boxes for relics to decorate his room. He is a member of the Kappa Sigma fraternity and is studying chemistry.





LLOYD WARREN CHAPMAN. Practically the oldest of the Pepperell tribe now at M. A. C. He first paddled his own canoe in that quaint town about the year 1885, and having the power of speech not unlike a Webster, he found himself a popular youth in the Pepperell High School.



By his mellifluous sentences and pleasing smile he enraptures all the ladies, and after a few consoling words, he has them trained so that a call would not be improper. He has been the "Best Man" they could find for a few weddings, and he lives in hopes of being married himself. "Chappie" harmonizes with the "Kids" tenor in the choir, and also is a member of the band, glee club and orchestra. He has been vice-president of the class and president of the Fussers' Club, '08. He has great analytical powers, but not in a geometrical way. He is a member of the Q. T. V. fraternity, S. '08 Club and expects to study chemistry

HENRY CLINTON CHASE. Was chased into the dear old city of Lynn, March 4, 1885, by a raw north wind. He has been chased or chasing ever since. He was caught long enough in Swampscott to obtain a diploma from the Swampscott High School which he used as a pass-port into M. A. C. During his Freshman year he right manfully protected his class as Sergeant at Arms. He has been prominent in Athletics, having played a good game at foot-ball and a star game as catcher in our Sophomore base-ball game. His greatest athletic event was his sensational work as end on the '06 Minstrel show. "Heime" is the champion penny pitcher of the college. He plays "with" the snare drum in the band, wears his trousers turned up, is a member of the Co-ed Fussing Club, the "S" '08 Club, and belongs to the C. S. C. Fraternity. He is on the 1908 Index board, and has elected biology.

Perhaps "Heime" has given as many "cuts" in his subject, "Shaving" as the Kid has in his beloved study of Alchemy.





ORTON LORING CLARK. Here we have the champion debator of the class. By his gracefulness as a man, by his eloquence as a speaker and by his earnestness as a worker, he has found himself allied to the notorious ashbarrel detective, John McLane. Never mind, "Orton," by going to school in Dorchester, Somerville, Malden and the Foster School, and by deciding to enter M. A. C., you will rank with the highest. Orton never cared to play the games of life, although they say he has played "Drop the Pillow" at North Amherst. This is a rather rough game for him. Orton is a member of the Phi Sigma Kappa fraternity and he often "lens" his hours of surveying to the little posies. Orton thinks he is not "Loring" his ambitions by giving his time to agriculture. He was born in Dorchester, April 18, 1887.



GEORGE ROBERT COBB. This athlete or quoting G. Wurdz, "A dignified bunch of muscles, unable to split wood or sift the ashes" was born in South Hadley, Mass., Aug. 26, 1885. They say some people are born with a silver spoon in their mouth but we have the idea that he was born with a foot ball or base ball in his. Ever since he has been large enough to move about he has played some game or other. "Roger" has played on the Varsity Base Ball, Foot Ball and Basket Ball Teams. He also sings a little in the College Choir, plays in the band and is a member of the Index Board. "Roger" is next year's captain in Base Ball and we all wish him a grand success. He is a very prominent factor in athletics and is just as prominent among the ladies. He is a member of the C. S. C. and will elect landscape.





WILLIAM JOHN COLEMAN. Claims that on October 27, 1885, he landed at Natick, but this is disputed by his colleague, Hen Gowdey. "Bill" has always lived in Natick and was graduated from the High School of that town. "Bill" is quick to learn (some

things,) and by his quickness he was given a chance to make his numerals playing basket-ball. By his gentle disposition and never-ceasing patience he was made the guardian and nurse of our only child, Craig Gowdey. Bill has brought him up well and now, after his years of kind devotion, he finds time enough to go to Springfield every Sunday, no one knows what for. "Bill" is a member of the C. S. C., S. '08 Club and landscape is his choice.



WINTHROP ATHERTON CUMMINGS. Belched his head off in Belchertown, December 7, 1885. He acquired his education at the Palmer High School, and while there he strengthened the base-ball, basket-ball and track teams. This boy is a hard worker, and very quiet, but somehow he is acquainted with very many of the fair sex. He made his numerals playing base-ball, keeping the rain out of the right field. But "for a' that" he is a man. He is claimed by the Q. T. V. fraternity and elected landscape gardening.





LERoy EDWARD CUTTING. "A peculiar contortion of the human countenance, voluntary or involuntary, superinduced by a concatenation of external circumstances, seen or heard, of a ridiculous, ludicrous, jocose, mirthful, funny, facetious or fanciful nature, and accompanied by a cackle, chuckle chortle, cachinnation, giggle, gurgle, guffaw or roar" is an exact description of our dear friend "Roy" when he sees a joke. Perhaps we will overlook it, as he was born in the noisy "townlet" of Pelham June 4, 1884. He used to walk from Pelham center to the Amherst High School for four years, through the "Cutting" winds of winter, and beneath the raging radical rays of the summer sun. His nickname is "Cut" and "Prof. Howard," knowing of his ability, never gave him a "Cut" in his subject or in the choir. Cut is a member of the Phi Sigma Kappa and will elect chemistry.



JOHN DANIEL. First heard the surf splash on Osterville shores April 16, 1887. He attended the grammar schools in "Oysterville," but graduated from the Barnstable High School. "Jack" is a quiet sort of a lad and is seldom heard or seen. He never seems to contribute to "Billy's" egg-basket, as he has got the art of study down to a science. He lives far down on the Cape, and only gets out of town once a year and that is when he comes to Amherst. "Jack" has lived on the "sand which" is there for 19 years, and he thinks now that if he elects agriculture he might learn how to grow a Cape Cod dinner. He is a member of the Q. T. V. fraternity.





STEARNES LOTHROP DAVENPORT. Here we have the John D. of Amherst. Stearnie was a good scion, and was grafted to the town of North Grafton, Mass., December 10, 1885. He took a thorough business course in the public schools of that "burg" which enabled him to find employment as clerk, salesman, stenographer and shipper in the house of "Waugh & Conners." Stearnes is a worker and there are times that he hardly has time to turn around. He has a liking for math, as he has stuck to it for two years. He is claimed by the Kappa Sigma Fraternity, and after all, he is going to stick to horticulture, as he can "Grafton" his own town.



ARTHUR JAMES FARLEY. This tall, well-built and good natured piece of humanity was born in Waltham, September 2, 1885. He played foot-ball with the winning Waltham eleven, and then by our good fortune we found him ever ready to hold his own in our front ranks. "Art" plays Varsity foot-ball, although he has been up against it. We all wish him success in his future attempts. He has had experience at the oar and was a good man on the Rope Pull team. As "Artie" was always a good-looking boy, he easily found employment in the "Watch City." Here it is said he made faces for the watches but we are ready to discredit all such statements. "Art" is a quiet sort of a fellow, but is always on hand in case of trouble. He is a member of the Q. T. V. S. '08 Club and will support his family by going into agriculture.





PAUL AUGUSTIN DAVIS. Was born in Lowell, March 31, 1886. Here he studied hard and eventually came to Massachusetts with '08. He is perhaps one of the most quiet sort of lads that you would care to meet. He never comes around and mingles with the fellows but lives a life of recluse in his room. He is a pleasant fellow to meet and to talk with and is always on hand with the class in any trouble. Perhaps most of us would be better off if we took young Paul as our model. He will study agriculture.



CLIFFORD DOLAN. Born in Hudson, Mass., the "Skidoo" day of June 1884, and soaked into his head all possible knowledge obtained from the public schools of that town. "Hersum" is his maiden name, and one will always find him either in class-room with "Babby" or taking special courses from Forristall. "Hersum" is going to elect agriculture and expects to plow his way through the world and reap a harvest.





PERLEY MONROE EASTMAN. This clothes-pin first hooped a bucket in Townsend, December 19, 1884. This dignified bunch of muscles was more of a "Townsend" than a God-send. But Perley has been a good worker, having the "Townsend" him through the schools and later on he sent himself to "Aggie." "Gramp," "Abbie," "Yeast Cake" or "Jackknife," as he is called, has been Sergeant at Arms and he has had many a perilous encounter. "Gramp" is an all around athlete, and the trouble is that he is always around, and on account of his muscular appearance he holds the teams in suspense. "Gramp" is taking a few lessons in the art of fussing and always attends the dances. He is not so bad, after all, and after he studies a few years on landscape gardening he will shape into a proud young man.



FRANK LAWRENCE EDWARDS. We don't claim this Oriental specimen of a man as Shakespeare's Shylock, but had he been living at that time we are afraid that Bassanio would have got his. "Bush" or "Shylock," to be more exact, gave a "weigh" his first cry of "When can you pay your bill?" in Boston, May 13, 1885. As he has lived in the cities of Somerville and Boston all of his life we expect him to be more or less shrewd, but for all his faults he is a game one and has taken a good many hard knocks in his day. He received his first one or two in the class foot ball game, where he played at full-back. Next he got it from the Freshmen in a class mix-up. No one "nose" how much "Bush" "nose" about his nose, but we think that after all its pushing and bumping and squashing its crookedness and Roman style have departed. Bush kept the College store and is a firm believer in the cold water cure. He has not failed to have at least one or two each year since he has enlisted with '08. He will elect agriculture, as his brain is too highly developed for math.





ALLAN DANA FARRAR. This fattened parasite was born in South Framingham, December 30, 1884. After a few years of sporting life in that "burg" he moved to Amherst and graduated from that High School. He came up to M. A. C. and looked it over and '08 found him stowed away in the "Kids" baby carriage Mr. Farrar was Vice President of the Y. M. C. A. and a member of the Glee Club. He played foot ball and being good on "Farrar" way shots he made good on the basket ball team. He is a member of the Q. T. V. fraternity and will study biology.

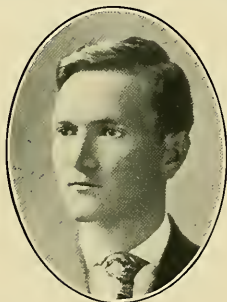


PARKE WARREN FARRAR. First thought of entering into society June 17, 1883, in Keene, N. H. On account of his "Keeness" and good nature he has worked at many different trades. He has been an advertising agent, a salesman, postmaster and conductor, and one would think by all these trades that he should be married and settled down. He changed his mind and came to Massachusetts, where he was claimed by the Kappa Sigma fraternity. Parke is another quiet lad, but often goes fussing for a little vacation. Parke has had plenty of education, having been to Newport High School, St. Johnsbury Academy, Springfield High School and now he feels rather confident that he can elect math. without getting stuck.





CLIFTON LEROY FLINT. The town of Dedham has produced some "dead ones" but on July 16, 1884, it broke the record and gave to us a species closely allied to steel, Clifflie Flint. Mr. Flint attended the public schools of Dedham and Amesbury, and in the latter town he was noted as a foot-ballist, and ice-poloist. He is a member of the Kappa Sigma fraternity and is generally known as "Clif." Even if his name is Flint, he has never struck a "light" course as yet, but we hope that next year he will. "Clif" has promenaded around Mt. Holyoke and Smith, and studied the different curves and character of the road beds. He is good at this and expects to elect landscape.



CHESTER SOCRATES GILLET. Was not born in Athens, as one would anticipate, but started his manly career in Southwick, Mass., some time in May, 1884. He studied about "Socrates" in the Westfield High School, and came to M. A. C. to live the man. "Chet," or as we will call him, Socrates, has many likenesses to this venerable philosopher. He is pious, full of self-control, and has unfailing powers of endurance. Socrates once said "To want nothing is divine; to want as little as possible is the nearest possible approach to the divine life." So it is with this Socrates. Like his ancestor, he is "observant, acute and thoughtful," and exercises his mental powers as a pastime. He is just as true a patriot to the class as Socrates was to ancient Greece. "Chet" belongs to the Kappa Sigma fraternity and is taking biology.





KENNETH EDWARD GILLET. First trilled with the frogs in Southwick, Mass., March 28, 1885. After graduating from the Westfield High School he came to M. A. C. While in High School he captained the track team and played on the basket ball and foot ball teams. By his winning ways and business like manner he was elected Assistant Manager of the Foot Ball team. He is a member of the College Senate, Fraternity Conference, Captain of the Varsity basket ball team, captain class basket ball team and played on the class foot ball team. Perhaps the "Co-eds" would like him to be manager of the Croquet team. We will see what we can do for him. He and Heime are the only ones ever known to eat a freezer full of ice cream. This was done at an exhibition grub match at Draper Hall. He is a member of the $\Phi\Sigma\K$ fraternity and will study landscape. "Gillie" is at home every night but Sunday. "Wilson" that's all.



CARLTON CRAIG GOWDEY. This pigmy was found hiding under a piece of sea-weed on the shores of Bridgetown, Barbados, December 12, 1884. He was taken good care of and eventually found himself seeking knowledge. After going to school in Harrison, he yearned for a change and with a pocket full of lemons, Beeman's Pepsin Gum and a chest of sea-sick powders, he sailed for New York. Here he heard of M. A. C. and with his same appetite for knowledge he entered with '08. He has a few childish pranks left yet but his nurse "Bill" Coleman is doing fine with him. Gowdey, or "Pamelia" or "Amelia" is "crazy" over bugs, and expects to study biology, ultimately branching into entomology. He is a member of the C. S. C.





HERBERT KENDALL HAYES. Joined the society of this world at North Granby, Conn., March 11, 1884. He strove for a little learning at Cushing Academy, where he prepared for M. A. C. This light-haired youth has always the same winning smile, but it lost its combination on Prof. Howard's course. He is a shark at pitching pennies, having bought the receipt from "Heime." He never goes fussing on "Hayesy" days, and always keeps good hours. He got the habit from "Socrates" Gillett. "Smiler" is a member of the Kappa Sigma fraternity the Y. M. C. A. and will study biology.



WILLIAM LLEWELLYN HOWE. "'Howe' Would You Like to Spoon With Me?" has been sung ever since July 3, 1885, in Marlboro, Mass. This has been his song for years and at last he has found a girl in Amherst. He graduated from the Marlboro High School and later decided to come to M. A. C. Howe claims that he has never done "nothin'" to "nobody" but somebody has done something to his body. Howe, in appearance, resembles Huss's "Kleiner Muck" and with his stocky build and side-wheel motion he was given a chance for a trial spin in the College pond. Howe is a great fusser, and his winning smiles and witty witticisms have made many a close friend. He is anxious for a "graft," so he will elect horticulture.





JAMES AUGUSTUS HYSLOP. This far-sighted Amoeba first thought of Entomology in Chicago, July 7, 1884, where he got sick eating "tainted meat." He has had a good prep., coming from the Rutherford High School. James, or "Nervy Nat," has been the president of the class, plays in the orchestra, the band, yells in the choir and is the artist of the Index. James got a few bumps playing football on the class team and got other bumps from the New Jersey mosquitoes. "Naty Pinkle-toe" hopes that after his course in entomology he will be able to reduce the size of the mosquito, if not, he can reduce the bump. "Lolly Pop" has changed a great deal since he first bought them "two for a cent," and after four years he will be completely changed into a "man." He is a member of the Q. T. V., S '08 Club and is taking the biology course.



DORSEY FISHER INGALLS. This young "Fisher" man first learned how to hook a sucker in the little town of Cheshire, September 20, 1883. After going through the Adams High School and keeping on the sunny side of the ladies he was ushered in to M. A. C. with '08 and has improved much since.

"Dort" is a particular friend of "Bush" Mills especially at the end of each week. "Dort" has been shining up to the ladies for some time and has become very proficient in the art. He is a lover of the vile weed and relies upon Joe Beals for cast off pipes. If he enjoys them let him smoke here rather than hereafter.

"Dort" is a member of the Q. T. V. fraternity and will study agrotechney.





RAYMOND HOBART JACKSON. First listened to the birds sing in Amherst, May 22, 1885. He attended the schools in that town and graduated from the Amherst High School. As "Snap" is a quiet sort of a lad and very careful not to overwork himself, he decided to stay in Amherst and go to M. A. C. "Snap" played center on the class football team, and finding he had plenty of wind he entered the band. He also is a member of the Glee and Mandolin Clubs, and belongs to the Phi Sigma Kappa. He will study chemistry.



HARRY MILLIKEN JENNISON. The young "Walnut" first studied about the Paramoecium in the stagnant waters of the Blackstone River in Worcester July 24, 1885. After studying hard in the neighboring schools "Millie" with the advice of his elders decided in favor of M. A. C. "Doc," as he is more often called is a great speaker and has a pleasant and articulate mode of persuasion. With his dress suit and winged collar and his high set "little head," he may be likened to the true Daniel Webster. "Doc" made the Burnham Eight, was manager of the class base ball team, and is assistant manager of the Varsity Basket Ball Team. He also is a member of the "S," "'08" club, and a member of the C. S. C. Fraternity.

As first Sergeant of Company C. he struts around with his head back and his pseudopod out and makes a hit with the Freshmen. He also shacks the Laundry about College. "Walter" will study biology.





FREDERICK ANDREW JOHNSON. Here we have the "famous" Johnson so often heard about in the English class. He was born next door to "Archie" Hartford in Westford Mass., May 25, 1887. After passing through Westford Academy he decided in favor of M. A. C. Since that time he has been a very interesting factor and his growth and development have been wonderful. He is a large, powerful(?) youth and always has a glad hand for every one except the (Co-eds). To "Ginger" or "Big Raz" as he is called we fellows owe much thanks for his kind contribution of "Pseudonyms." "Ginger" played on the class base ball and foot ball teams and is a member of the C. S. C. and "S" '08 Club. He will elect biology.



THOMAS HENRY JONES. Here we have "Tad" Jones, not of Yale, but of Massachusetts. He began his quite simple life in Pawtucket, R. I., September 25, 1885. "Tad" has lived in nearly every town in Massachusetts, but finally he was ostracized to R. I. Here he developed into an athlete, and he tells us that he played foot ball and base ball while a student in the Oliver Ames High School. "Tad" has made his numerals by playing foot ball and on the rope pull team. "Tad" is a quiet sort of a fellow and will never go out of town unless "Ginger" goes. He very seldom associates with the ladies, his only friend being his pipe. He would make a fine "Parson." He is a member of the Q. T. V. and will elect biology.





DAVID LARUETSIUS LARSEN. Young "Dave" first noticed the golden sun set in Stockholm, Sweden, September 18, 1886. After bidding farewell to old Sweden he came to the U. S. and moved to Peekskill, N. Y. From here he went to Bridgeport, Conn., and finally came to Amherst. "Dave" has that persistency allied to his ancestors and always is ready to uphold the rights of '08. In fact, he did so well that he had his hand in a sling for quite a while. "Dave" is somewhat of a florist and started in raising peanuts but they turned out to be sweet peas and was arrested for "larceny." "Dave" is a member of the Kappa Sigma fraternity and will study horticulture.



LAI KWEI LIANG. This Oriental gentleman of whom we are all so proud was found in a package of tea in Canton, China in the year of 1883. He studied his native language in Tientsin from 1890 till 1901 and then having the desire to become proficient in the art of growing rice he came to America with His Ex. Sir Chentung Liang Cheng, Chinese Minister to the United States in 1903. After coming to America he went to Amherst and prepared for M. A. C. at the Amherst High School. It is quite an honor to have with us a gentleman of so much renown and he is just as good as his pedigree given to him by Abbie Eastman. "Lai" is a fellow who always believes in a good time and never has he missed a class banquet. The first one which he went to, he indulged in all the festivities of the evening and then was looking for more. He is a fellow who is never "Liang" around but very active and somewhat of a tennis shark. It is rumored that he won a series of games from Gowdey. Liang will elect biology.





DANFORTH PARKER MILLER. Was found singing "Rigity Gig and Away we go" in the archives of the City Hall in Worcester October 28, 1888. He was graduated from the Worcester South High and entered with '08 at Massachusetts. "Dan" is a member of the Signal Board, is class Historian, a member of the Y. M. C. A. and the Hash Kicker's Union. Each year he moves nearer to the Co-ed table and gets his style from the fair ones. "Smiler" Hayes says he is a great fusser but no symptoms have been noticed as yet. He is a member of the Kappa Sigma fraternity and will study biology.



GEORGE PAIGE. Was born in Charlestown, Mass., July 15, 1883. After becoming acquainted with everybody in Charlestown he moved out here where he could find many more and increase his acquaintances. After going the "Rounds" in the Amherst High School he had an inclination to come to M. A. C. We are all glad that "Roundy" as he is called did this, as he has been energetic worker for the foot ball team having played on the Varsity for quite a while. When "Roundy" is on a trip he has a resemblance to the Ancient King Tantalus. King Tantalus suffered in Hades the agonies of hunger and thirst, which were always in sight but beyond reach. "Roundy" says "The table d'hote dinners which he gets are about as bad and besides it costs him quite a lot to feed." "Roundy" is a good classman and we all wish him success. He is a member of the Q. T. V. fraternity and will study agriculture.





JOHN ROBERT PARKER. Was born in some isolated town in Connecticut by the name of Poquonock, June 28, 1884. After going through the Windsor High and Mt. Hermon School he decided to roll along with '08, at M. A. C. Perhaps "Bob" is the only fellow in the class whom the "Co-eds" really like. With his cute smiles and golden curls as well as his handsome ties which he earned pitching pennies he has broken the hearts of many a fair maiden. He actually cares nothing for them? "Bob" is a member of the KΣ fraternity, is Editor-in-Chief of the Index, was class president, played on the class baseball team, is on the Senate. The Fraternity Conference, Signal Board and is a member of the Y. M. C. A. He will study biology.



EDWIN DANIELS PHILBRICK. Little "Edwin" was listed among the few people of this world November 29, 1883, in Medway, Mass. As "Johnnie" figures it he is 21 years old but the Co-eds figure it to be 23 and he does not go over to Draper Hall as he used to. "Johnnie" made good on the Somerville Foot Ball Team and came to M. A. C. to do the same. He is one of the Reading Room Directors a member of the Signal Board and Manager of the Basket Ball Team. "Phil" is good on telling his troubles to the Co-eds whom he knows will sympathize with him, he never tells them to us. Johnny is a stickler so was Green, but he is doing better now. He is a member of the Phi Sigma Kappa and will plug on wheat.





HORACE BIGELOW REED. Was born in Brookfield, Mass., July 8, 1884. As he is a quiet sort of a fellow and cares little for the society of the "Silk Stocking" class he thought it a wise move to go to the large city of Worcester. Here he studied hard as he always does and after a few years of hard persistent work found himself among the members of the South High School. Here he spent four long years and later entered Massachusetts with the class of 1908. "Biggie" very seldom mingles with the fellows but when he does takes up a lot of room. When he and Verbeck get together there is no room for anyone else. He never goes fussing and no one knows what he does to take up his spare time, unless he puts it in at plugging. He is a member of the Kappa Sigma fraternity and will elect agriculture, having a good pull with Prof. Cooley. He is the trainer for Cooley's fast trotter, "Sapolio."



WILLIAM SWIFT REGAN. This anything but "Swift" piece of human nature was born in Williamsburg, Mass., the 21st of August 1885. "Willie" attended the schools in Northampton and having a creeping desire for bugs came to M. A. C. As "Bill" is so "Swift" he made good on the class basket ball team and helped us out immensely. "Bill" is an Honorary member of the "Sons of Rest" and "Never Sweat" Clubs and has an application in for membership to the fussing club. "Bill" is a fine fisherman but Prof. Gordon seems to think that "Binary Fission" is the best for "Willie." He is a member of the KΣ fraternity and will study biology.





WILLIAM FRANCIS SAWYER. This gifted musician and five cent sport first uttered his notes of harmonious music in the town of Sterling, September 20, 1887. He went to the Sterling Schools from the lowest to the highest and now he is Sterling all through.



"Tom" as he is called is an allround sport and tries real hard to make good where ever he goes but has a little trouble. He has caught the habit of fussing from Clinton King, his room mate and there is no cure for him now. He never played the games of life except lawn tennis and he is a shark at this. Tom plays in the College orchestra, is a member of the Q. T. V. and will elect horticulture.

LEROY ALTUS SHATTUCK. Is another member of the Pepperell tribe and first smoked Indian tobacco, March 29, 1887 in the Pepperell plains. After travelling around with the big boys Leroy finally sneaked into High School but they say he had no trouble in sneaking out. He played base ball and foot ball at High School and after coming to Aggie he was listed in the hall of fame. The Rogues Gallery would have been good but Larry showed improvement each day and he missed the opportunity. "Leo" played on the class foot ball, base ball and basket ball teams, has been captain of the class as well as the "Prexy" and perhaps he will be up as a candidate for the fussing club. Larry has roomed with two "hustlers" as he says, Jas. Draper and Heime but Larry has been "Hustled" once or twice himself. He is a member of the C. S. C. "S" '08 Club and is studying to be a horticulturist. Let us wish him success.





FRANK EUGENE THURSTON. As "Daddy" Mills says "thirst is the strongest word in the English language," why should not "Jake" be one of the strongest in the class as he was born with a "Thurston" his lips May 30th 1887, in Worcester, Mass. "Jake" got a good prep in Worcester with the other Worcesterites and enrolled with naughty eight. "Jake" or "Spud" is the progenitor of many a merry song and his latest is "The Merry Bowl." At the table "Spud" has all the fellows outclassed in polished etiquette. He is a poet of no mean ability and his latest production is:

"Crisp green notes,
A gay p—rade,
Two tired sports,
In bed are laid."

He will study agronomy and is claimed by the Phi Sigma Kappa, and "S" '08 Club.



OLIVE MAY TURNER. Miss Olive May Turner was born in Amherst, September 20, 1886. After completing a course in the High School of that town she decided to come to Massachusetts. We are all glad that she did for such a class as ours needs a chaperone and a mother. "May" has never played on the class teams as we know of but it is rumored that she and Dan Miller were trying out for the Marble team. May is a very pleasant girl to meet although most of us have never really been introduced to her. She always has a pleasant smile and a sweet good morning, now and then commenting upon the weather. She acquired quite a pull with Prof. Blake and it looks now as if she would elect horticulture. We hope the course "May Turner" out well qualified to uphold the standard of '08 of which she is so proud. She is a member of the Peek-a-boos.





WILLIAM FRANKLIN TURNER. "String" as we boys like to call him was born at Newington N. H. May 6th, 1887. They say that "String" when young had the misfortune to get tangled up in a wringer and when he came through he was more or less elongated.



Nevertheless it had no effect upon his brain as "string" stands good in his class and no one has anything against him as a mathematician. He has attended the public schools in Reading and after a fashion came with '08 to M. A. C. "String" is at all times one of the boys and always believes in doing the right thing by everybody, he even says "grace" at the breakfast table. He took his room mate "Deker" Howe over to the show in Holyoke one evening and if I recollect rightly came home without him. "Bill," "String," "Jack Sprat" or "Dubrey" as he is called is a member of the Q. T. V. fraternity and "S" '08 Club and he will elect landscape.

ROLAND HALE VERBECK. This colossal was found stuck on a pedestal in the public Gardens, Boston, January 18, 1886. Having been given a good understanding he weathered many a winter without losing his equilibrium. He passed through the schools in Malden, no one knows through which doors but at any rate he had gray matter enough to enter with '08. After coming here and doing his best he has won many friends by his social smile and attractive manner. It is said that "Dowie" borrowed Bill Craighead's shoes one day to go to an informal and after getting tangled up with the many feet and losing one shoe he has been called "Cinderella" ever since. He has a contract with a shoe firm to make the "Verbeck Plantation" a very tasty shoe for ladies. Jud Wright being the Agent. "Dowie" will elect agriculture. He is a member of the $\Phi\Sigma K$ fraternity.





THOMAS FRANCIS WAUGH. This gifted speaker was born in Worcester March 26, 1886. After completing his course in the High School he became a prominent factor in the "H. A." debating society and decided to come to M. A. C. to take the course under Prof. Mills, his guardian. "Tom" is a notable speaker and easily won first prize on the Burnham eight. He has several medals which he has won but no one has ever seen them except "Tom." He is a favorite among the Smith College Girls and enjoys their company at all the dances. "Tom" is a member of "Bum's Aid Society" and the "Never Flunks." He is a member of the Q. T. V. fraternity and is studying biology.



THEOREN LEVI WARNER. "Levi" was born in East Hampton, June 13, 1884. After going through the schools in Sunderland and Amherst he decided to come with the bunch to M. A. C. "Levi" is a little fellow but very fast not only physically but mentally and morally. He entered athletics at High School and then helped us out at College. He played on the class base ball team and the Varsity in his Sophomore year, and was President of the class during the second semester. "Chet" is a bright active young man and very seldom goes out of an evening. Perhaps he would if his big brother was not around. Next year he may loosen up a little and see part of Pelham by moonlight. He is a member of the Q. T. V. fraternity and will elect math.





JOSEPH WORCESTER WELLINGTON. "Joe Beals" came to this merry world when a mere boy March 1st 1886 in the village of Waltham. Joe has a brother who was fortunate to graduate from Massachusetts and who kept a watchful eye over him during his first two years. But after Dick went away Joe began a career which no fellow has ever been able to cope with since. After leaving the Waltham High School Joe entered with '08 as a quiet little fellow but soon studied how the big boys did things and it was not long before he was trying out a few Freshmen himself. On one dark night he had two Pee Wees up in a tree singing him to sleep. Whenever there is any "rough housing" to be done Joe is always there feet first, and that is why so many panels have been missing. He was manager of the class basket ball team and tried for the class foot ball team but on account of a scratch over his eye he was ordered by a physician to give it up. He had the idea that he was good on math. and went to Rennselaer Polytech but finding the fellows much unlike the M. A. C. boys came wandering back with us again. He is a member of the Q. T. V. fraternity and "S" '08 Club and will elect landscape.



HERMON TEMPLE WHEELER. Young "Bull Foot" was born in Acton, Mass., January 25, 1886. After going through the Concord High School he came to M. A. C. with his little gray valise and has stayed for some time. He is a fine soldier and when the Capt. reads the clause "Heels together and toes out" Wheeler gets angry. He can put toes together and heels out and by walking backward fulfills the requirements. He was Capt. of the Rope Pull Team and Class Captain during his Freshman year. "Bull Foot" is a nice fellow to meet and always has a pleasant smile for all his class mates. "Hermon" or "Human" is an expert on raising crops especially of "hair." He will study horticulture and undoubtedly will profit by it. He is a member of the Q. T. V. fraternity.





ALBERT LEMUEL WHITING. "Lem" was born in Stoughton, Mass., May 12, 1885. He is a bright looking fellow but a person can never tell anything by the looks nowadays. During his "boyhood" days "Lem" went to school in the village but as he grew older and his folks could trust him more they let him go to High School, where he played base ball and pillow dex. Some say he was better at pillow dex than at base ball but we are in doubt. Now since "Lem" has grown up his parents have let him come to M. A. C. and it has just been the making of "Lem." He is not much of a society man but once in a while he and Wheeler go fussing over to Sunderland. They call him "Redas" for a nick name but I think Goldenrod is just as appropriate and prettier. "Lem" is a member of the Q. T. V. fraternity and a loyal supporter to the Rooting Club. He is talking agriculture.



RAYMOND DEAN WHITMARSH. This rare military genius first gave out his orders in Dighton, Mass., July 21, 1885. After entering High School in Taunton, Mass., "Whit" became proficient in Military Science and knowing that there would be a chance for a promotion came to M. A. C. and entered with '08. "Whit" has been Capt. of the class Basket Ball team and played on the Varsity Basket Ball team. When in high school he was Capt. of the Track team and played basket ball.

"Rube" should be called Napoleon Bonaparte. His name being Napoleon and his legs making the Bony Part. However "Whit" enjoys drilling the Freshman and they all like his instruction? He is a member of the KΣ fraternity and is taking biology.





SAMUEL JUDD WRIGHT. On November 22, 1885 in South Sudbury there came one of the cleverest "Regal" peddlers that ever walked up the little road of bye and bye, that leads to the house of never. "Judd" who is a hard worker skun through the Sudbury

High and it was not long after that he met with a serious accident, he ran into M. A. C. with '08. "Juddy" was Vice President of the class and a member of the Sophomore Rope Pull team. He is now in the shoe business having got the stingy habit from "Shylock." He is a member of the Q. T. V. fraternity and will study agro-techny.





1908 Freshman Banquet

“The Wilson” Hotel, North Adams, Mass.

MENU

Blue Points on Half Shell.

Beef a la Bennett.

Boiled Salmon, Hollandaise.
Pommes Duchess

Celery

Queen Olives

Chicken croquettes a la Cream.
Claret.

Sirloin of Beef Braised with Mushrooms.
Green Peas Baked Mashed Potatoes

Roman Punch.

Roast Mallard Duck with Current Jelly.
Fried Hominy.

Lettuce, French Dressing.

Vanilla Ice Cream
Cheese

Assorted Cake
Crackers

Cafe Noir.

Cigars.





Toasts

Pres. Thomas A. Barry, Toastmaster.

| | |
|---------------------------|---------------|
| Massachusetts | J. R. Parker |
| The Hash House | H. C. Chase |
| Our Class, 1908 | A. J. Farley |
| "Ach Louise" | R. H. Verbeck |
| Co-eds | P. M. Eastman |
| 1907 | P. D. Gowdy |

Class Election

| | |
|----------------------------|---------------|
| The Meanest Man | W. L. Howe |
| The Easiest Man | H. C. Chase |
| The Homliest Man | Carlton Bates |
| The Class Plug | W. S. Regan |
| The Best Fusser | P. M. Eastman |



MENU

Little Necks on Half Shell.

Saltines Salted Nuts

Broiled Bluefish, Maitre d'Hotel.

Saratoga Potatoes Sliced Cucumbers

Larded Filet of Beef, Bordelaise.

Dutchesse Potatoes Asparagus, au Burree

Creme de Menthe Punch.

Soft Shell Crabs on Toast.

Radishes.

Tomato and Lettuce Salad, Mayonnaise.

Salad Rolls.

Frozen Pudding, Rhum Sauce.

Assorted Cake

Bents Water Crackers Roquefort Cheese

Cafe Noir.

Toasts

Pres T. L. Warner, Toastmaster.

| | |
|---|---------------|
| 1908 or Junior | R. H. Verbeck |
| Athletics | G. R. Cobb |
| 1906 | J. R. Parker |
| 1908 Fussing Club | H. C. Chase |
| Weak Points in the Faculty | R. E. Cutting |
| 1908 vs 1909 | J. R. O'Grady |
| Massachusetts Relation with Amherst | J. A. Hyslop |





1908 Index

Board of Editors

| | |
|------------------------------|----------------------------|
| J. Robert Parker | Editor-in-Chief |
| Kenneth E. Gillett | Business Manager |
| George R. Cobb | Assistant Business Manager |
| James A. Hyslop | Artist |

Associate Editors

Herman T. Wheeler
Henry C. Chase

Allen I. Farrar
Danforth P. Miller.

EDITORIALS

"What wondrous deeds hath he performed?"



THE EDITOR is treading new ground. Never before has he contributed to the editorial columns of a publication. Yet his step is firm and elastic. He is not over-confident in his own powers of expression, and yet he has become so thoroughly imbued with that inherent spirit of "get there" which marks all undertakings of the class of 1908 that he feels he cannot fail. He *must* be worthy of the confidence and trust which the class he proudly claims has placed in him. His classmates have stood behind him and answered faithfully every call, and now he wishes to step aside and ask them to accept the good work which they have done. He does not pretend to thank them. That is a debt which the class and college owe them. Our best recompense is in the satisfaction of something well done, and according as we have wrought, so shall we be rewarded.

But what for editorials! the Editor realizes the humble part he plays in college affairs. He realizes that he has his failings, and that they are, after all, not so much worse than other people's faults. He appreciates that he has his own peculiar ideas, and that they may not always coincide with other people's ideas. Why should we not differ? And yet we are all interested in a grander, truer, and still better "Mass'chusetts," and what-so-ever we say, and what-so-ever we do, may it always be with the firm conviction



that it is for the *good* of the College. May our prayer for her future be that nothing but what is beautiful and true and noble and good may enter into her life. "Prayer for aught else is vicious." So may we help one-another and our Alma Mater with our cooperation, even tho our separate acts may seem irreconcilable. Our acts *must* show conformity if each one of us does as his better-self indicates.

I was walking, some months past, with a youth among the mountainous tracts of Vermont. It was a beautiful moonlight night. The moon had just reached the full, and flooded the earth with that glorious radiance which so strangely affects us wondering mortals. The mountains rolled away from beneath our feet in soft billows of various greens, shaded so gently and softly by that wondrous radiance from above. Below us, far below us, twined the silvery thread of the White River as it flashed here and there in the moonlight, only to disappear the next instant in some dark blot of forbidding pines. The spell of the evening was upon me, and I spoke to my young companion of the wonderful hills, the beautiful river like unto the River of the Lost Footsteps, the woods, the fields, the sweet odor of ferns, the tinkling of weary cow-bells, the plaintive bleat of the lamb,—even of the merry cricket that chirruped 'neath the rock below us. "Yes," said he, "but sometimes I wish I might never hear a cricket again."

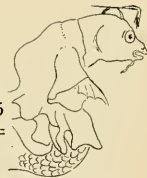
'Tis a glorious division of labor that directs our paths in different ways. My ambitions are not your ambitions, and yours are not mine, and so each of us takes his individual part in the work of the Whole, and mankind's work rolls on smoothly thru mutual dependence. It is a welcome sign of the day that our young men from the city are beginning to appreciate the beauties and possibilities of country life, and that in turn the country youths hunger for the activities of the city. The infusion of new blood into established activities is good. Our agricultural colleges show each year an increased percentage of students drawn from city communities. It is also true that the number of students from the country also is increasing, but the rate of increase is not so large. Academic colleges, on the other hand, show a greater percentage of increase of students drawn from rural communities. The present era is emphatically one of educational progress. I was much surprised to find in the little country town of central Vermont where I spent the summer so many of the young people intent upon a higher education. In fact, now that the academic year has fairly begun, the little town is nearly deserted of its young men and women. But I was still further surprised to find that without exception all these young people were taking *academic* courses. On the contrary, as I look back upon the last three classes which have graduated from the high-schools of my native city, I find that some twenty or thirty students have enrolled upon the books of M. A. C. alone, to say nothing of other colleges of a similar *technical* nature.



What does this all indicate? In the first place, more profitable times are opening up the educational possibilities of the rural communities. This is of supreme importance. Too long have the country localities been shut off from that educational progress which has characterized city life. The country boy has grown up and received most of his education on the farm, and so lived and died there without bettering his father's conditions. And worst of all he has been satisfied. Is it any wonder that he has become the hero of the comic newspapers? But during the past decade times have changed. The country boy has become ambitious, and is reaching out for that domain which of right is his. The intelligent farmer has become a type today. Yet too often have our country young men become dissatisfied with the home conditions, and sought for what they consider broader fields of work. It seems ill-fitting to them that they should apply their intelligence and training to the farm work, so that today one of the greatest questions of our farming communities is the question of capable, reliable, help.

To partially meet this demand has come a considerable body of young men, tired of the rush and scramble of city life, and seeking only for an opportunity to settle down to the quietness and beauty of a life out-of-doors. True, they are many of them idealists who have much to learn of actual farm life, yet the inborn desire for out-door freedom is so great that no minor disappointments can divert them. They are ready and eager to work, and have the faculty of making pleasurable whatever they do. They are not above their work, and can much easier adapt themselves to conditions than their more staid country cousins. Above all, they seek to apply their intelligence and knowledge to the work they have chosen. An agricultural college offers them the first opportunity, to be supplemented by practical work. The college course opens to them an invaluable supply of literature, and acquaints them with the workings of those great implements of agricultural progress, the United States Department of Agriculture, and the State Experiment Stations. In a word, they have done themselves the justice of a standard college education, and then further justified themselves by applying that education intelligently to their every-day work.

The strength of every nation is fundamentally agricultural. If our agricultural interests decline, so must our national standing. If they progress, so shall we take a still higher place in the rank of nations. This foundational importance of agriculture in the framework of our countries' welfare was long ago appreciated by our legislators. The "Land Grants" insured a college of Agriculture and Mechanic Arts to every state in the Union. These state colleges have become the leading educational institutions of the day. In contrast with our academic colleges, they are *bound* to progress,—they *cannot* retrograde. The national and state governments stand behind them. The Department of Agriculture and the State Experiment Stations supplement their work. Students flock to their doors, seeking for a *practical* education, something which they can apply to the



making of a livelihood when they graduate. And the study of scientific agriculture is not the least of these practical sciences.

And so today we are glad to claim "Mass'chusetts" as our Alma Mater. We are glad that her primary object is *agricultural*, and that it has been incorporated in her name. We are glad of the opportunity to fit ourselves for an intelligent and noble life "out-of-doors," close to that which is nearest to God's own perfection,—the beauties of Nature. We are glad of the opportunity to fit ourselves for other fields of work, equally important, equally enticing. We are proud of this old college which shelters us, proud of her alumni, her president, the trustees, the various departments, and those who conduct them so ably, and lastly, proud of the democratic body of men who are enrolled as students upon her books. May they be governed by that intelligence and progressiveness which characterizes Mass'chusetts men. The future of the college is in their hands.

"Then give three cheers for Old Mass'chusetts,
And then give three cheers more."

Sunday Chapel

Have I launched upon turbid waters? The "religious" question is a delicate one to handle in a body of young men. In these days, we seem to put further and further away the theoretical questions of creeds and doctrines. It is the *practical* side of religion that appeals to us. We admire the man who is honest, square, and clean in every way. We look no further into his beliefs. The religious prig or crank does not count one iota in our estimation. Such is the sifting of college opinion.

There is a strong sentiment now-a-days among the fellows in favor of chapel services on Sunday, provided they be conducted along specific lines. Under no condition would the students favor a return to the old system which proved so unsatisfactory. That system was built on fundamentally wrong ideas, and so *could* not succeed. In the first place, attendance was made compulsory, until, under stress of circumstances, it was proved that no state institution of any kind whatsoever had the right to force religious matters in any way upon the people connected with that institution. Probably no such conclusion would have been forced in this particular instance if the standard of Chapel exercises had been what it should have been. And this brings us to the second cause of failure. One man, a member of the faculty, conducted all the exercises. There was no variation. Five days in the week he lectured in the class-room. On Sunday, his eccentricities of thought and manner were transmitted to the pulpit,—the result might have been expected.



Familiarity breeds contempt. The optional system of attendance now prevailing, nobody went to chapel, and finally the whole business was abandoned.

Then why should we advocate a return to the Sunday chapel system? There seems to be a demand for it. The fellows are nearly all practical moralists, tho, perhaps, they do not claim any great religious propensities. The churches in town are too far away to stimulate regular attendance. Then too, are not our young, thinking, college men entitled to better preachers and thinkers than the small churches of Amherst can afford? Young men at that age are apt to get skeptical, and sometimes even atheistic. It takes strong, practical thinkers to keep the trend of their thought in proper lines. If proper services, were held in the chapel on Sunday, a greater number of students would attend rather than make their way weekly to the various churches in town. Thus the greatest good would be extended to the greatest number.

But what specific lines should chapel services be conducted upon? In the first place, they must be non-denominational, and to this end, a variety of speakers must be secured. One man, no matter how liberal and fair-minded he may be, cannot help but leave an impression of his own particular creed and doctrines. This must be avoided. A consideration of fifty dollars would bring noted speakers of different denominations to our services, speakers who have proved their worth, and who always command attention and respect. Would an expenditure of fifteen hundred dollars a year be ill advised in such a cause? The Y. M. C. A. turns out one hundred students to listen to its speakers. Surely these hundred, and many more, would support a speaker of even greater reputation than the Y. M. C. A. can afford. Those who witnessed the old experience with Sunday chapel services are apt to be skeptical when we speak of renewing these services. Have they been witnesses of the progress and success of the Y. M. C. A. during the past year? That alone is enough to sweep away all doubts. We are none of us religious prigs, or even, perhaps, enthusiasts, but we are all susceptible to the better and nobler motives which actuate men in their belief in a higher and better Being. Humanity has always worshipped a Deity.

Track Athletics

First, a bit of history. In the spring of their freshman year, the class of 1908 formed a track team, elected a manager, and took steps to arrange for the use of Pratt field, and secure a meet with the Amherst freshmen. At this point, the upper class men interferred, choosing to call up again the old feud with Amherst, and tho the class had every promise of success in that direction, the matter was dropped. This was a dampening blow to '08's



aggressiveness. Yet the idea was not abandoned. The exact state of affairs regarding a Massachusetts athletic field was learned. Disappointed again, the class committee met with the committee of the trustees on "New Buildings and Arrangement of Grounds," with the result that a favorable report was given sanctioning the placing of a running track around the campus, and such other work as should be necessary to fit the campus for *temporary* field athletics. But at this point things came to a stand-still, tho the class *did* erect bars and prepare a piece of ground for the running broad jump. Mr. Draper, the heart and soul of the movement on the part of the trustees, was taken sick, and the members of the class did not feel competent, or that they could spare the time, to make the track. No help was offered by the faculty; in fact, it was rather urged that the matter be dropped entirely, and there it stands today.

The reasons why an enclosed athletic field is not a present reality are well understood by graduates and undergraduates. We can only hope that the near future will bring a change in the present rock-bound conditions. But in the meanwhile can we not at least make the beginnings of a track team? Tho we have no track and no well arranged field, the campus offers, with a little work, all that is necessary for track-team work. A running track encircling the campus and drill hall would be of fair length, and the soil is of the proper constituency to pack well. Such a temporary track would by no means disfigure the campus,—in fact, would give it a business-like aspect,—and could be easily covered again in the advent of an athletic field. 1908 has demonstrated that it takes but little effort to erect bars for the pole-vault and high jump. A patch of the soft campus soil, loosened and pulverized, could not be bettered for jumping. The hammer can be thrown, and the shot put, just as well upon our level campus as upon the most costly of enclosed fields. What else do we need? A few hurdles, poles, bars, shot, hammers,—a very simple equipment. The money for this equipment could easily be raised by popular subscription. The making of the track presents the greatest obstacle, merely because the students themselves cannot perform the labor. No grading is necessary,—simply the removing of the turf, and the packing of the soil,—a simple operation, if only someone with authority would undertake it, and see it thru.

What shall we do about it? In the first place, we must create the proper enthusiasm in the student body. The students must, by their determination and sincerity, impress upon the alumni, the trustees, and the faculty, that they are in earnest, and mean business. Very few men, proportionately, can play football, baseball, and basketball. What becomes of our other athletes? They must remain inactive,—a retrogradation from that which they have done in high school days. The track-team offers athletics in the broadest, most general, sense to the greater majority of students. The other special athletic contests are not going to suffer from track work,—the track work will develop football, baseball, and basketball players,—speedy, enduring men. In the near future,



athletics will be self-supporting at M. A. C., so the question of additional expense is but transitory,—and never very great. A track team today will hasten the coming of an athletic field tomorrow,—and then,—athletics on a self-supporting basis.

1908, it is up to you. It has always been a question close to your hearts. Will you not see it accomplished before you graduate? Let us leave at least this monument to the prowess, the energy, the indomitable spirit, the implacable *will* of 1908.

Massachusetts Spirit

Have you not heard those cheers ringing out from two hundred voices, echoing and re-echoing as they chase one another from mountain to mountain, finally to die away in the vast stretches of the valley? Have you not heard those glorious songs of spirit and fire as they fill the air with their message of cheer and victory, impressing even the echos to sound their strains of pluck and defiance? Have you not seen that glorious democratic body of young men, united as one for the sake of Old Bay State, and all that she represents? Have you not, I say, witnessed all that unity of thought, expression, and action, that *college spirit*, which is characteristic of Mass'chusetts men? If you have never witnessed *this*, you know not what true college spirit is.

It is the spirit which supports our athletic teams,—of the men who get out there day after day on the campus and plug and grind to turn out a good team for the sake of the rest of the fellows,—the spirit of the varsity, the spirit of the scrub. It is the spirit of those who, tho trembling with eagerness to get out there and play the game, must stand on the side-lines, cheering and singing to encourage those men who *can* play, and urge them to put forth their best energies. It is the spirit of those who can overlook a poor play, encouraging the player to profit by his mistakes, and devote all his energies to playing a better game. It is the spirit of those who stand ready to offer their services to the slightest need of a player,—of those who go down into the rubbing room, or take a tired player's place at the Dining Hall.

It is the spirit which treats with commensurate courtesy a visiting team, offering its members as guests the best hospitality the college can afford; the spirit which treats an opponent courteously on the field of contest, and plays a clean game for the sake of clean sport.

It is the spirit which supports with equal courage and equal endeavor our other student organizations; that has built up our Y. M. C. A. to a forceful factor for good in our college,—that has spent many a precious evening hour to develop a musical organ-



ization that is a credit to Mass'chusetts talent and energy,—that has supported the college paper,—sometimes a thankless job,—grinding thru the spare hours of the week to turn out copy,—the spirit of those who support our seminars and clubs,—every institution of student activity and progress.

It is the spirit which seeks the greatest good of the college, which believes heart and soul in this grand old Alma Mater of ours, the work she does, the things she stands for, and the men who represent her. It is the spirit which presupposes no evil, but looks for the best, aims for the best, and believes that the best *does* exist. It is the spirit which, seeing an evil, will forget it, and rushes in to rectify the mistakes, rather trying to replace evil with good than to punish evil,—the spirit that overlooks another's faults, realizing that we are none of us perfect, and looks for all that is good, and noble, and manly, and true. Yes, it is the spirit of love,—love for college, and love for one-another. God bless our own Mass'chusetts; God bless Mass'chusetts men, and Mass'chusetts spirit.

Scholastic Revival of China

For ages China has maintained a formidable bar against western civilizations, because she had her own civilization, literature, music and other arts. Printing, the mariner's compass and gunpowder were known to her long before they were used in the western world. During the ages of San Huang Wu Dee 三皇五帝 (2953-2300 B. C.) the spirit of scholasticism crystalized, not only from the classical point of view, but morality was regarded as a principle element of character. Through 800 years of peace which the Chou 周 dynasty enjoyed, interest in the civil service encouraged the use of the pen instead of the sword. Since, then, the foothold of scholasticism has been firmly established.

About 950 years before Queen Elizabeth came to the English throne, new ideas looking to thorough reformation were advanced. The poetic revival simultaneously found its ideals in fullest manifestation. The "Chinese National Anthem" is the only piece of Chinese music ever printed in English form. It expresses seven passions belonging to the ancient life.

Chinese literary scholars devote their lives entirely to literature; humanity is the only interest agreeable to their nature. During these two centuries, the scientific discoveries of the western world sprang up with added activity. Then the resultant of these two main sources appeared with a great divergence. About thirty years ago, the western civilization made its first headway into the empire. A group of 120 Chinese students



was just sent to the United States to be educated. Unfortunately, they were suddenly recalled when they were making good progress. Then these ambitious youths were forced to return to their country, much against their own wishes. Toward the latter part of last century, institutions for the study of western learning were established. The scientific studies seemed to be the most favorable subjects for learning. Upon the opening of this century, the movement of the "Open Door of China" impressed the people most strongly, so much so that, fortunately, the resultant of internal and external influences finds its greatest strength in no way impeded by partial inclination to former methods of study. At the present time, we have already found quite a number of Chinese students scattered in the leading institutions of this country as well as in Europe; the incoming steamers from the old Empire continually increase the number. This we believe to be a healthy scene, which will serve as the morning star of the revival of China.

LAI-KWEI-LIANG.

三皇五帝 画

The Old Faces

The moon shone calmly down through fleeting clouds whose foamy aspect contrasted weirdly with the dull blue of the sky. At times a star would peep through a rift in the clouds and its clear cool sparkle fairly made one shiver. The wind swept across the valley with a low, dull murmur like the inarticulate rage of a giant captive. Everything betokened a change, a change as irrevocable as the ceaseless swing of old Earth upon her axis.

The bare, bleak fields lay wrapped in the white radiance of the night sun. Soon Winter's cold mantle would be over them. And Winter all too soon would be slowly retreating before the pulsating life and warmth of a springtime. And thus the ceaseless cycle of seasons rolls on, thus it is that the old faces and forms pass out beyond our ken and are lost in Life's stern struggle. Soon we shall be numbered on the dark pages of the past. But behind us comes a sturdy and ever increasing line, the faces and forms of those to take our places in this college world.

"The old order changeth giving place to new."

Steadily and surely the years roll on to each new Commencement time. We see proud, happy faces among the throng, a father, a mother, a sister, a brother, all rejoicing in the honors gained. The goal of graduation has been reached after four long years. Did I say long? Yes, they, perhaps, are long when measured by the ceaseless routine of study. But, oh how short they have been as all the tender recollections of the past crowd in upon us, of jolly times, and good friends made.



There is the chapel, the shrine of all our morning prayers, the walks where oft we wandered on studies bent, the dear old campus with its memories of contests lost and won. Far to the southward the grand old Holyoke mountains are rearing their patriarchal heads as somber sentinels of the valley. Many a Commencement have they seen, many a youth with hopes and ambitions has passed out beyond their shadow, but still firm and changeless they stand in the march of Time.

As the years pass, we grow to love this beautiful valley of the mighty Connecticut, the meadows, the mountains, the brook, and the river. Throughout our college days they have been with us, and in after years they still will greet us as in our wanderings we return.

September comes again and college doors are opened wide. But what causes that indefinable feeling of a vacancy to be filled, of some missing face or voice? Ah! you forget the Commencement with its attendant graduation. A class of college friends and associates has passed out into the great world and behind them is a void, a vacancy in this little world of ours. Old faces are no longer to be seen on the campus or in the classrooms but in their places are new ones. And yet the gap is not bridged, nor the vacancy filled. The memories of jolly student brothers still assail us; each had his own particular traits and humours to be remembered. And there is a pang in our breasts that will remain until memory sinks into forgetfulness.





The Associate Alumni

of the Massachusetts Agricultural College

Founded 1874

OFFICERS OF 1906-1907

| | | | | | | | |
|----------------------|---|---|---|---|---|----|-----------------------|
| E. A. Ellsworth, '71 | . | . | . | . | . | . | President |
| Austin Peters, '81 | . | . | . | . | . | .. | First Vice President |
| C. M. Hubbard, '92 | . | . | . | . | . | | Second Vice President |
| G. A. Drew, '97 | . | . | . | . | . | | Third Vice President |
| F. S. Cooley, '88 | . | . | . | . | . | . | Secretary |
| David Barry, '90 | . | . | . | . | . | . | Treasurer |
| E. P. Holland, '92 | . | . | . | . | . | . | Auditor |

Executive Committee

| | |
|--|---------------------|
| J. B. Paige, '82 | W. H. Caldwell, '87 |
| Member of Athletic Board | C. P. Halligan, '03 |
| <i>Annual Meeting, Tuesday of Commencement Week.</i> | |



Alumni Club of Massachusetts

of the Massachusetts Agricultural College

Founded 1885

Officers for 1906-1907

| | | |
|---------------------------------|-----------|-----------|
| Archie H. Kirkland, '94, Boston | | President |
| F. W. Davis, '89, Roslindale | | Treasurer |

Directors

L. B. Holmes, '72, New Bedford

Herbert Dana, '99, Boston



Massachusetts Agricultural College Club of New York

Founded 1886

Officers 1906-1907

| | |
|---|-------------------------|
| Dr. Charles S. Howe, '78, Cleveland, Ohio. | President |
| Dr. Winfield Ayres, '86, New York | First Vice President |
| Henry S. Fairbanks, '95, Philadelphia | Second Vice President |
| Charles I. Goessmann, '97, New York | Third Vice President |
| Alvan L. Fowler, '80, New York | Secretary and Treasurer |
| 525 West 23rd St. New York City. | |
| Sanford D. Foot, '78, New York | Choragus |
| Dr. John A. Cutter, '82, New York | Historian |



Western Alumni Association

of the Massachusetts College

Officers for 1906-1907

| | | | | | | | |
|-------------------|---|---|---|---|---|---|-------------------------|
| A. B. Smith, '95 | . | . | . | . | . | . | President |
| L. W. Smith, '93 | . | . | . | . | . | . | Vice President |
| P. C. Brooks, '01 | . | . | . | . | . | . | Secretary and Treasurer |

Trustees

| | | |
|-------------------|----------------------|--------------------|
| W. E. Stone, '82 | | L. A. Nichols, '71 |
| | H. J. Armstrong, '97 | |
| J. E. Wilder, '82 | | G. M. Miles, '75 |

Members

All Alumni West of Buffalo.



Connecticut Valley Association

of Massachusetts Agricultural College Alumni

Founded, Feb. 21, 1902

Officers for 1906-1907

| | |
|---|-----------------------|
| Walter I. Boynton, '92, Springfield | President |
| John A. Barri, '75, Springfield | First Vice President |
| C. M. Hubbard, '92, Sunderland | Second Vice President |
| W. A. Brown, '91, Springfield. | Treasurer |
| H. O. Hemenway, '95 | Secretary |

Executive Committee

| | |
|-------------------------|-------------------------|
| Wm. P. Birnie, '71 | Prof. A. S. Kinney, '96 |
| Dr. Chas. Goodrich, '93 | H. O. Hemenway, '95 |
| John B. Minor, '73 | |



Massachusetts Agricultural College Club of Washington, D. C.

Founded 1904

Officers

| | | | | | | |
|--------------------------------------|---|---|---|---|---|-------------------------|
| A. W. Morrill, '00, Dallas, Texas | . | . | . | . | . | President |
| W. E. Hinds, '99, Dallas, Texas | . | . | . | . | . | First Vice President |
| W. A. Hooker, '99, Dallas, Texas | . | . | . | . | . | Second Vice President |
| F. D. Couden, '04, Washington, D. C. | . | . | . | . | . | Secretary and Treasurer |
| P. F. Staples, '04, Woodbine, N. J. | . | . | . | . | . | Choragus |



Local Alumni Association of M. A. C.

Founded 1905

Officers

| | |
|---------------------------------|-----------------------|
| Cyrus M. Hubbard, '92 | President |
| Robert Lyman, '71 | First Vice President |
| Charles W. Clapp, '87 | Second Vice President |
| David Barry, '90 | Third Vice President |
| A. C. Monahan, '00 | Secretary |
| E. B. Holland, '92 | Treasurer |
| G. P. Smith, '79 | Auditor |



The Alumni

'71

E. E. THOMPSON, *Secretary*, Worcester, Mass.

ALLEN, GIDEON H., KΣ, 397 Union Street, New Bedford, Mass., Bookkeeper and Journalist.
BASSETT, ANDREW L., Q.T.V., Pier 36 East River, New York City, Transfer Agent Central Vermont
Railway Company.

BIRNIE, W. P., KΣ, 34 ^αSteins Terrace, Springfield, Mass., Paper and Envelope Manufacturer.

BOWKER, W. H., D.G.K., 43 Chatham Street, Boston, Mass., President Bowker Fertilizer Company.

CASWELL, LILLEY B., Athol, Mass., Civil Engineer.

COWLES, HOMER L., Amherst, Mass., Farmer.

ELLSWORTH, EMORY A., Q.T.V., 40 Essex Street, Holyoke, Mass., Ellsworth & ^{Howe}Kirkpatrick, Architects and Engineers.

FISHER, JABEZ F., KΣ, Fitchburg, Mass., Bookkeeper Parkhill Manufacturing Company.

FULLER, GEORGE E., address unknown.

*HAWLEY, FRANK W., died October 28, 1883, at Belchertown, Mass.

*HERRICK, FREDERICK ST. C., D.G.K., died January 19, 1894, at Lawrence, Mass.

LEONARD, GEORGE B., LL.B., D.G.K., Springfield, Mass., Clerk of Courts.

⁹⁻¹² LYMAN, ROBERTS W., LL.B., Q.T.V., Linden Street Northampton, Mass., Registrar of Deeds, Lecturer Rural Law at M. A. C.

*MORSE, JAMES H., died June 21, 1883, at Salem, Mass.

NICHOLS, LEWIS A., KΣ, 630 East 63d Street, Chicago, Ill., Chicago Steel Tape Company.

NORCROSS, ARTHUR D., D.G.K., Monson, Mass., Merchant and Farmer.

*PAGE, JOEL B., D.G.K., died August 23, 1902, at Conway, Mass.

RICHMOND, SAMUEL H., Real Estate Agent, 302 1-2 12th Street, Miami, Fla.

RUSSELL, WILLIAM D., ΦΚΦ, D.G.T., 329 West 83d Street, New York City, Business.

✓ SMEAD, EDWIN B., Q.T.V., P. O. Box 965, Hartford, Conn., Principal Watkinson's Farm School of Handicraft Schools.

SPARROW, LEWIS A., Supt. Bowker Fertilizer Works, Northboro, Mass.

STRICKLAND, GEORGE P., D.G.K., Livingston, Mont., Machine Shop Foreman.

THOMPSON, EDGAR E., 5 Jaques Ave., Worcester, Mass., Teacher

*TUCKER, GEORGE H., died October 1, 1889, at Spring Creek, Pa.

WARE, WILLARD C., 225 Middle Street, Portland, Me., Manager Boston and Portland Clothing Company.

WHEELER, WILLIAM, ΦΚΦ, K.E., 14 Beacon Street, Boston, Mass., Civil Engineer.

WHITNEY, FRANK LE P., D.G.K., 104 Robinwood Ave., Jamaica Plains, Mass., Dealer in Teas and Coffees.

WOOLSON, GEORGE C., Purchase, West Chester County, N. Y., Florist.

*Deceased.



'72

S. T. MAYNARD, *Secretary*, Northboro, Mass.

- BELL, BURLEIGH C., D.G.K., address unknown.
 BRETT, WILLIAM F., D.G.K., address unknown.
 CLARK, JOHN W., Q.T.V., North Hadley, Mass., Fruit Grower.
 COWLES, FRANK C., 223 1-2 Pleasant Street, Worcester, Mass., Civil Engineer and Draughtsman.
 CUTTER, JOHN C., M.D., D.G.K., 7 Gates Street, Worcester, Mass., Physician
 *DYER, EDWARD N., died March 17, 1891, at Holliston, Mass.
 *EASTERBROOK, ISAAC H., died May 27, 1901, at Webster, Mass.
 FISKE, EDWARD R., Q.T.V., 625 Chestnut Street, Philadelphia, Pa., in the firm of Folwelt Brothers
 & Company, 217 West Chelton Avenue, Philadelphia, Penn.
 FLAGG, CHARLES O., Box 77 Hardwick, Mass., Manager of George Mixer's Guernsey Stock Farms.
 GROVER, RICHARD B., 67 Ashland Street, Boston, Mass., Clergyman.
 HOLMES, LEMUEL LE B., Q.T.V., 38 North Water Street, New Bedford, Mass., Judge Superior
 Court.
 HOWE, EDWARD G., Principal Preparatory School, University of Illinois, Urbana, Ill.
 KIMBALL, FRANCIS E., 8 John Street, Worcester, Mass., Accountant.
 LIVERMORE, RUSSELL W., LL.B., Q.T.V., Pates, Robinson County, N. C., Merchant and Manufac-
 turer of Naval Stores.
 MACKIE, GEORGE, M.D., D.V.S., Q.T.V., Attleboro, Mass., Physician.
 MAYNARD, SAMUEL T., Northboro, Mass., Landscape Architect, Fruit Specialist.
 MOREY, HERBERT E., 31 Exchange Street, Boston, Mass., also 134 Hillside Avenue, Malden,
 Mass., Stamp and Coin Dealer.
 PEABODY, WILLIAM R., Q.T.V., St. Louis, Mo., Assistant General Freight Agent for Missouri
 Pacific Railroad.
 *SALISBURY, FRANK B., D.G.K., died 1895, in Mashonaland, Africa.
 SHAW, ELLIOT D., Holyoke, Mass., Florist.
 SNOW, GEORGE H., Leominster, Mass., Farmer.
 *SOMERS, FREDERICK M., Q.T.V., died February 2, 1894, at Southampton, England.
 THOMPSON, SAMUEL C., ΦΚΦ, ΦΣΚ, Member American Society C. E., 950 East 166th Street.
 New York City, Civil Engineer, Paving and Grading Department.
 WELLS, HENRY, Q.T.V., 1410 G Street, N. W., Washington, D. C., Real Estate, Loans, Insurance.
 WHITNEY, WILLIAM C., Q.T.V., 313 Nicolet Avenue, Minneapolis, Minn., Architect.

'73

C. WELLINGTON, *Secretary*, Amherst, Mass.

- ELDRED, FREDERICK C., Sandwich, Mass., Cranberry and Poultry Raiser.
 LELAND, WALTER S., D.G.K., Concord Junction, Mass., Teacher in Massachusetts Reformatory.
 *LYMAH, ASAHIEL H., D.G.K., died of pneumonia at Mainstee, Mich., January 16, 1896.
 MILLS, GEORGE W., M.D., 60 Salem Street, Medford Mass., Physician.
 MINOR JOHN B., ΦΚΦ, Q.T.V., New Britain, Conn., Manufacturer, Minor & Corbin Box Company.

* Deceased.



- PENHALLOW, DAVID P., D.S.C., Q.T.V., Montreal, Canada, Professor of Botany and Vegetable Physiology, McGill University; Vice-President American Society of Naturalists.
- RENSHAW, JAMES B., B.D., Box 1935, Spokane, Wash., Farmer.
- SIMPSON, HENRY B., Q.T.V., 2890 N. Street, N. W., Washington, D. C., Coal Merchant.
- WAKEFIELD, ALBERT T., M.D., Sheffield, Mass., Physician.
- WARNER, SETH S., KΣ, Northampton, Mass., Dealer in Agricultural Implements and Fertilizers.
- WEBB, JAMES H., LL.B., ΦΚΦ, KΣ, 42 Church Street, New Haven, Conn., Lawyer, Instructor in Criminal Law and Procedure, Yale University, Department of Law.
- WELLINGTON, CHARLES, Ph.D., ΦΚΦ, KΣ, Amherst, Mass., Associate Professor of Chemistry at Massachusetts Agricultural College.
- WOOD, FRANK W., address unknown.

74

- BENEDICT, JOHN M., M.D., D.G.K., 18 Main Street, Waterbury, Conn., Physician and Surgeon.
- BLANCHARD, WILLIAM H., Westminster, Vt., Teacher.
- CHANDLER, EDWARD P., D.G.K., Malden, Fergus County, Mont., Wool Grower.
- *CURTIS, WOLFRED F., died November 18, 1878, at Westminster, Mass.
- *DICKINSON, ASA W., D.G.K., died November 8, 1899, at Easton Pa., from apoplectic shock.
- HITCHCOCK, DANIEL G., Warren, Mass., Editor and Proprietor Warren *Herald*.
- HOBBS, JOHN A., Salt Lake City Utah, Proprietor Rocky Mountain Dairy and Hobbs' Creamery. 13 East Third South Street.
- LIBBY, EDGAR H., ΦΚΦ, Clarkston, Wash., President Lewiston Water and Power Company.
- *LYMAN, HENRY, died January 19, 1879, at Middlefield, Conn.
- MONTAGUE, ARTHUR H., Granby, Mass., P. O. South Hadley, Mass., Farmer.
- *PHELPS, HENRY L., died at West Springfield, Mass., March 23, 1900.
- *SMITH, FRANK S., D.G.K., died December 24, 1899, in Cleveland, Ohio.
- WOODMAN, EDWARD E., ΦΚΦ, Danvers, Mass., E. & C. Woodman, Florists and Garden Supplies.
- ZELLER, HARRIE MCK., 145 West Washington Street, Hagerstown, Md., Canvasser for Publishing House.

75

M. BUNKER, Secretary, Newton, Mass.

- BARRETT, JOSEPH F., ΦΚΦ, ΦΣΚ, 81 New Street, New York City, Salesman Bowker Fertilizer Company.
- BARRI, JOHN A., residence Maple Street, Springfield, Mass., business, Bridgeport, Conn., Dealer in Grain and Coal.
- BRAGG, EVERETT B., Q.T.V., 135 Adams Street, Chicago, Ill., West Manager National Chemical Company.
- BROOKS, WILLIAM P., Ph.D., ΦΚΦ, ΦΣΚ, Amherst, Mass., Director of Hatch Experiment Station.
- BUNKER, MADISON, D.V.S., 4 Baldwin Street, Newton, Mass., Veterinary Surgeon. *Veterinarian*
- CALLENDER, THOMAS R., D. G. K., Northfield, Mass., Farmer.

*Deceased.

902 Penn. Ave. N. W.
Washington
D.C.
Q. Nat. Fire Insurance Co. D.C.



- CAMPBELL, FREDERICK G., $\Phi\Sigma K$, Westminster, ^{Vt.}, Farmer and Merino Sheep Raiser. *next*
- CARRUTH, HERBERT S., D.G.K., Beaumont Street, Dorchester, Mass., Assistant Penal Commissioner, Suffolk County, Mass.
- *CLARK, ZENOS Y., $\Phi\Sigma K$, died June 4, 1889, at Amherst, Mass.
- *CLAY, JABEZ W., $\Phi\Sigma K$, died October 1, 1880, at New York City.
- DODGE, GEORGE R., Q.T.V., Hamilton, Mass., Garden Truck and Small Fruits.
- HAGUE, HENRY, $\Phi\Sigma K$, 695 Southbridge Street, Worcester, Mass., Clergyman, Archdeacon of Worcester.
- HARWOOD, PETER M., $\Phi\Sigma K$, Barre, Mass., General Agent, Dairy Bureau of Massachusetts State Board of Agriculture.
- KNAPP, W. H., $\Phi K\Phi$, 116 North Street, Newtonville, Mass., Florist.
- LEE, LAUREN K., 311 South Franklin Street, St. Paul, Minn., employ of Nichols & Dean.
- MILES, GEORGE W., Miles City Mont., Merchant and Stock Raiser.
- OTIS, HARRY P., K Σ , 104 North Main Street, Florence, Mass., Superintendent Northampton Emery Wheel Company.
- RICE, FRANK H., 14 Sansome Street, San Francisco, Cal., Bookkeeper.
- SOUTHWICK, ANDRE A., $\Phi\Sigma K$, Taunton, Mass., General Manager Outside Affairs Taunton Insane Hospital.
- WINCHESTER, JOHN F., D.V.S., Q.T.V., 39 East Haverhill Street, Lawrence, Mass., Veterinarian.

'76

C. FRED DEUEL, *Secretary*, Amherst, Mass.

- BAGLEY, DAVID A., address unknown.
- BELLAMY, JOHN, D.G.K., 133 Webster Street, West Newton, Mass., Bookkeeper for H. H. Hunt, Builder and Contractor.
- CHICKERING, DARIUS O., Enfield, Mass., Farmer.
- Fred* DEUEL, CHARLES F., $\Phi K\Phi$, Q.T.V., Amherst, Mass., Druggist.
- *GUILD, GEORGE W., Q.T.V., died May 8, 1903, of heart disease, at Jamaica Plains.
- HAWLEY, JOSEPH M., D.G.K., address unknown.
- KENDALL, HIRAM, D.G.K., East Greenwich, R. I., Assistant Superintendent for The Shepard Company.
- LADD, THOMAS L., care of William Dadmum, Watertown, Mass., Insane.
- McCONNELL, CHARLES W., D.D.S., K Σ , 171A Tremont Street, Boston, Mass., Dentist.
- MACLEOD, WILLIAM A., B.A., LL.B., $\Phi K\Phi$, D.G.K., 350 Tremont Building, Boston, Mass., Lawyer, Macleod, Calver & Randall Lawyers.
- MANN, GEORGE H., Sharon, Mass., Superintendent Cotton Duck Mills.
- MARTIN, WILLIAM E., Sioux Falls, S. D., Secretary of the Sioux Falls Candy Company.
- PARKER, GEORGE A., $\Phi K\Phi$, $\Phi\Sigma K$, P. O. Box 397, Hartford, Conn., Superintendent of the Hartford Parks.
- PARKER, GEORGE L., 807 Washington Street, Dorchester, Mass., Florist.
- PHELPS, CHARLES H., 155 Leonard Street, New York City, Dresden Lithographic Company.
- PORTER, WILLIAM H., $\Phi\Sigma K$, Silver Hill, Agawam, Mass., Farmer. *Farmer*
- POTTER, WILLIAM S., D.G.K., Lafayette, Ind., Rice & Potter, Lawyers.

*Deceased.



- ROOT, JOSEPH E., M.D., B.S., $\Phi\Sigma K$, 49 Pearl Street, Hartford, Conn., Physician and Surgeon.
SEARS, JOHN M., Ashfield, Mass., Farmer.
*SMITH, THOMAS E., D.G.K., died September 20, 1901, at West Chesterfield, Mass., of apoplexy.
TAFT, CYRUS A., Whitinsville, Mass., Superintendent Whitinsville Machine Works.
*URNER, GEORGE P., D.G.K., died April, 1897, at Wisley, Mont., from effusion of blood on brain.
*WETMORE, HOWARD G., M.D., D.G.K., died at 63 West 91st Street, New York City, April 27, 1906.
*WILLIAMS, JOHN E., died January 18, 1890, at Amherst, Mass.

'77

- BENSON, DAVID H., Q.T.V., North Weymouth, Mass.
BREWER, CHARLES, Haydenville, Mass., Farmer.
CLARK, ATHONTON, $\Phi K\Phi$, D.G.K., Waverly Avenue, Newton, Mass., in firm of R. H. Stearns & Company, Boston, Mass.
*HIBBARD, JOSEPH R., killed by kick of a horse, June 17, 1899, at Stoughton, Wis.
HOWE, WALDO V., Q.T.V., Newburyport, Mass., Poultry Farmer.
MILLS, JAMES K., D.G.K., Amherst, Mass., Photographer.
NYE, GEORGE E., 420 East 42d Street, Chicago, Ill., with Swift & Company.
*PARKER, HENRY F., LL.B., died December 21, 1897, at Brooklyn, N. Y.
PORTO, RAYMOND M., Da.S., $\Phi\Sigma K$, Para, Brazil, Sub-Director Museum Pareuse.
*SOUTHMAYD, JOHN E., $\Phi\Sigma K$, died December 11, 1878, at Minneapolis, Minn.
WYMAN, JOSEPH, 347 Massachusetts Avenue, Arlington, Mass., Salesman.

'78

C. O. LOVELL, *Secretary*, New Rochelle, N. Y.

- BAKER, DAVID E., $\Phi\Sigma K$, 227 Walnut Street, Newtonville, Mass., Physician.
*BOUTWELL, W. L., died September 28, 1906, at Northampton, Mass., of meningitis.
BRIGHAM, ARTHUR A., Ph.D., $\Phi\Sigma K$, Brinklon, Montgomery County, Maryland.
*CHOATE, EDWARD C., Q.T.V., died at Southboro, Mass., January 18, 1905, of appendicitis.
*COBURN, CHARLES F., Q.T.V., died December 26, 1901, at Lowell, Mass.
FOOT, SANFORD D., Q.T.V., Resident Manager of the Kearney & Foot Works of the Nicholson File Co., of Providence, R. I., Address 231 W. 70th Street New York City.
HALL, JOSIAH N., M.D., $\Phi K\Phi$, $\Phi\Sigma K$, 1325 Franklin Street, Denver, Col., Physician.
HEATH, HENRY F., D.G.K., 35 Nassau Street, New York City, Lawyer.
HOWE, CHARLES S., Ph.D., $\Phi K\Phi$, $\Phi\Sigma K$, Cleveland, Ohio, President Case School of Applied Science.
HUBBARD, H. F., Q.T.V., 26 Custom House Street, Providence, R. I.
HUNT, JOHN F., 27 State Street, Boston, Mass., Superintendent of Brazier Building.
LOVELL, CHARLES O., Q.T.V., Brookline, Mass.
LYMAN, CHARLES F., Middlefield, Conn., Farmer.
MYRICK, LOCKWOOD, Hammanton, N. J., Fruit Grower.
OSGOOD, FREDERICK H., M.R.C.V.S., Q.T.V., 50 Village Street, Boston, Mass., Veterinarian.
SPOFFORD, AMOS L., $\Phi\Sigma K$, Georgetown, Mass., Private 8th Massachusetts Infantry, Co. A.
STOCKBRIDGE, HORACE E., Ph.D., $K\Sigma$, Lake City, Fla., Editor agricultural paper.

*Deceased.



TUCKERMAN, FREDERICK, Ph.D., Q.T.V., Amherst, Mass.
 WASHBURN, JOHN H., Ph.D., KΣ, Director of National Farm School at Farm School, Pa.
 WOODBURY, RUFUS P., Q.T.V., 3612 Campbell Street, Kansas City, Mo., Secretary Kansas City Live Stock Exchange.

'79

R. W. SWAN, *Secretary*, Worcester, Mass.

DICKINSON, RICHARD S., Columbus, Neb., Farmer.
 GREEN, SAMUEL B., ΦΚΦ, KΣ, St. Anthony Park, Minn., Professor of Horticulture and Forestry, University of Minnesota.
 RUDDOLPH, CHARLES, LL.B., Q.T.V., Hotel Rexford, Boston, Mass., Lawyer and Real Estate Agent.
 SHERMAN, WALTER A., M.D., D.V.S., D.G.K., 340 Central Street, Lowell, Mass., Veterinarian.
 SMITH, GEORGE P., KΣ, Sunderland, Mass., Farmer.
 SWAN, ROSCOE W., M.D., D.G.K., 41 Pleasant Street, Worcester, Mass., Physician.
 WALDRON, HIRAM E. B., Q.T.V., Hyde Park, Mass., Manager New England Telephone and Telegraph Company.

'80

FOWLER, ALVAN L., ΦΣΚ, 21 West 24th Street, New York City, Engineer and Contractor.
 GLADWIN, FREDERICK E., ΦΣΚ, 2401 North 16th Street, Philadelphia, Pa., Mining Engineer.
 LEE, WILLIAM C., D.G.K., Holyoke, Mass., Architect and Civil Engineer.
 McQUEEN, CHARLES M., ΦΣΚ, 802 Pine Street, St. Louis, Mo.
 PARKER, WILLIAM C., LL.B., ΦΣΚ, 249 Washington Street, Boston, Mass., Lawyer.
 RIPLEY, GEORGE A., Q.T.V., 36 Grafton Street, Worcester, Mass., Farmer.
 STONE, ALMON H., Wareham, Mass., Jobber.

'81

J. L. HILLS, *Secretary*, Burlington, Vt.

BOWMAN, CHARLES A., C.S.C., 513-514 Dillaye Memorial Building, Syracuse, N. Y.
 BOYNTON, CHARLES E., M.D., Los Banos, Cal., Physician.
 CARR, WALTER F., Q.T.V., 2819 Dunbar Place, Milwaukee, Wis., Chief Engineer for Folk Co.
 CHAPIN, HENRY E., M.S., C.S.C., 58 Johnson Avenue, Richmond Hill, New York City, Teacher in Biology in Brooklyn High School.
 FAIRFIELD, FRANK H., Q.T.V., 153 Fourth Avenue, East Orange, N. J., with General Electric Inspection Company.

*FLINT, CHARLES L., died June, 1904.

*HASHIGUCHI, BOONZO, D.G.K., died August 12, 1903, at Tokio, Japan.

HILLS, JOSEPH L., ΦΚΦ, KΣ, Burlington, Vt., Director of Vermont Agricultural Experiment Station.
 Dean of Agricultural Department of University of Vermont and State Agricultural College.

HOWE, ELMER D., ΦΣΚ, Union Street, Marlboro, Mass., Farmer. Secretary of Salisbury and Amesbury Fire Insurance Company.

*Deceased.



PETERS AUSTIN, D.V.S., M.R.C.V.S., Q.T.V., Chief of Cattle Bureau, State Board Agriculture, State House, Boston, Mass.

RAWSON, EDWARD B., D.G.K., 226 East 16th Street, New York City, Principal Friends' Seminary.

SMITH, HIRAM F. M., M.D., Orange, Mass., Physician.

SPALDING, ABEL W., C.S.C., 620 Coleman Building, Seattle, Wash., Professor of Agriculture.

TAYLOR, FREDERICK P., D.G.K., Athens, Tenn., Farmer.

*WARNER, CLARENCE D., D.G.K., died October 16, 1905, at Kimmswick, Mo.

*WHITAKER, ARTHUR, D.G.K.

*WILCOX, HENRY H., D.G.K., died at Honolulu.

YOUNG, CHARLES E., M.D., F.S.K., Sioux Falls, South Dakota, Physician.

'82

G. D. HOWE, Secretary, Portland, Me.

✓ ✓ ALLEN, FRANCIS S., M.D., D.V.S., C.S.C., 800 North 17th Street, Philadelphia, Pa., Veterinary Surgeon.

✓ ✓ ALPIN, GEORGE T., East Putney, Vt., Farmer.

✓ ✓ BEACH, CHARLES E., D.G.K., West Hartford, Conn., C. E. Beach & Company, Vine Hill and Ridge Farms.

*BINGHAM, EUGENE P., C.S.C., died March 31, 1904, at Los Angeles, Cal.

✓ ✓ BISHOP, WILLIAM H., F.S.K., Farm School, Pa., Professor of Agriculture at National Farm School.

*BRODT, HENRY S., Q.T.V., died at Rawlins, Wyo., December, 1906.

✓ ✓ CHANDLER, EVERETT S., C.S.C., Mont Clare, Chicago, Ill., Clergyman.

✓ ✓ COOPER, JAMES W., D.G.K., Plymouth, Mass., Druggist.

✓ ✓ CUTTER, JOHN A., M.D., F.S.K., 175 Fifth Avenue, New York City, Physician. 251 mt 73 rd

✓ ✓ DAMON, SAMUEL C., C.S.C., Lancaster, Mass., Farmer.

*FLOYD, CHARLES W., died October 10, 1883, at Dorchester, Mass.

✓ ✓ GOODALE, DAVID, Q.T.V., Marlboro, Mass., Farmer.

✓ ✓ HILLMAN, CHARLES D., F.S.K., Watsonville, Cal., Nurseryman. Fruit grower

*HOWARD, JOSEPH H., F.S.K., died February 13, 1889, at Minnsela, South Dakota. Typhoid

✓ ✓ HOWE, GEORGE D., 25 Winter Street, Bangor, Me., State Agent for Deering Harvest Machine Company. Hanny Co.

✓ JONES, FRANK W., Assinippi, Mass., Teacher.

✓ KINGMAN, MORRIS B., Amherst, Mass., Florist.

✓ ✓ KINNEY, B. A., Rochester, N. Y., Traveling Salesman. Littleton N. H. Boy 743

✓ ✓ MAY, FREDERICK C., F.S.K., 34 Adams Street, Dorchester, Mass., Farmer.

✓ ✓ MORSE, WILLIAM A., Q.T.V., 15 Auburn Street, Melrose Highlands, Mass., Clerk at 28 State Street, Boston, Mass.

✓ MYRICK, HERBERT, 151 Bowdoin Street, Springfield, Mass., Editor-in-Chief of the American Agriculturists, New York and New England Homesteads and Farm and Home.

✓ PAIGE, JAMES B., D.V.S., Q.T.V., Amherst, Mass., Veterinary Surgeon and Professor of Veterinary Science at M. A. C.; elected to General Court 1903 and 1904.

✓ ✓ PERKINS, DANA E., 43 Maple Avenue, Medford, Mass., Civil Engineer and Surveyor. 33 Thatcher

*Deceased.



- ✓ PLUMB, CHARLES S., 107 West 11th Avenue, Columbus, Ohio, Professor of Animal Husbandry, Ohio State University.
- ✓ SHIVERICK, ASA F., KΣ, 100 Wabash Avenue, Chicago, Ill., Vice-President of Tobey Furniture Company.
- ✓ STONE, WINTHROP E., Ph.D., C.S.C., 146 North Grant Street, Lafayette, Ind., President of Purdue University.
- ✓ TAFT, LEVI R., ΦΚΦ, C.S.C., Agricultural College, Michigan, Superintendent of Farmer's Institute of Michigan.
- ✓ TAYLOR, ALFRED H., D.G.K., Plainview, Neb., Farmer and Stock Breeder. *Brunswick Neb.*
- *THURSTON, WILBUR H., died August, 1900, at Cape Nome. *Alaska*
- ✓ WILDER, JOHN E., ΦΚΦ, KΣ, 212-214 Lake Street, Chicago Ill., Wholesale Leather Dealer and Tanner.
- ✓ WILLIAMS, JAMES S., Q.T.V., Vice-President and Treasurer Williams Brothers Manufacturing Company, Glastonbury, Conn.
- ✓ WINDSOR, JOSEPH L., 922 State Life Building, Indianapolis, Ind., Insurance Agent.

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'83

S. M. HOLMAN, Secretary, Attleboro, Mass.

- BAGLEY, SIDNEY C., ΦΣΚ, Tremont Street, Melrose Highlands, Mass., Cigar Packer.
- BISHOP, EDGAR A., C.S.C., Head of Agricultural Department of Hampton Normal and Agricultural Institute at Hampton, Va.
- BRAUNE, DOMINOS H., D.G.K., address unknown.
- HEVIA, ALFRED A., ΦΣΚ, 165-167 Broadway, New York City, Mortgage Investments, Fire, Life and Accident Insurance Company.
- HOLMAN, SAMUEL M., Q.T.V., 11 Pleasant Street, Attleboro, Mass., Real Estate Agent.
- LINDSEY, JOSEPH B., Ph.D., ΦΚΦ, C.S.C., Amherst Mass., Chief of Department of Foods and Feed-
ings, Hatch Experiment Station at M. A. C.
- MINOTT, CHARLES W., C.S.C., 6 Beacon Street, Boston, Mass., Gypsy Moth Commission.
- NOURSE, DAVID O., C.S.C., Bolton, Mass.
- PRESTON, CHARLES H., ΦΚΦ, KΣ, Hathorne, Mass., Farmer; Board of Trustees of M. A. C.
- WHEELER, HOMER J., Ph.D., C.S.C., Kingston, R. I., Director of Rhode Island Experiment Station.

'84

L. SMITH, Secretary, Springfield, Mass.

- HERMES, CHARLES, Q.T.V., address unknown.
- HOLLAND, HARRY D., Amherst, Mass., Hardware and Groceries, Holland & Gallond.
- JONES, ELISHA A., ΦΣΚ, New Canaan, Conn.
- X SMITH, LLEWELLYN, Q.T.V., Box 1282, Springfield, Mass., Traveling Salesman.

*Deceased.



'85

E. W. ALLEN, *Secretary*, Washington, D. C.

ALLEN, EDWIN W., Ph.D., ΦΚΦ, C.S.C., 1725 Riggs Place, Washington, D. C., Vice-Director of the office of Experiment Stations U. S. Department of Agriculture.

ALMEIDA, LUCIANO J. DE., D.G.K., Director and Professor of Agriculture of Piracicoba Agricultural College, Estado de S. Paulo, Brazil, S. A.

BARBER, GEORGE H., M.D., Q.T.V., U. S. Naval Training Station, Newport, R. I., Physician and Surgeon in U. S. Navy.

BROWNE, CHARLES W., ΦΚΦ, Temple N. H., Farmer.

GOLDTHWAITE, JOEL E., M.D., ΦΚΦ, C.S.C., 372 Marlboro Street, Boston, Mass., Physician.

HOWELL, HEZEKIAH, ΦΣΚ, Washington Ville, Orange County, N. Y., Farmer.

*LEARY, LEWIS C., died April 3, 1888, at Cambridge, Mass.

PHELPS, CHARLES S., ΦΚΦ, ΚΣ, Chapinville, Conn., Superintendent, Farm of Scoville Brothers.

TAYLOR, ISAAC N., JR., D.G.K., San Francisco, Cal., Electric Railway and Manufacturers Supply Company, 68-72 First Street.

TEKIRIAN, BENONI, C.S.C., 103 West 114th Street, New York City, Dealer in Oriental Rugs.

'86

ATESHIAN, OSGAN H., C.S.C., Hotel San Remo, New York, Dealer in Oriental Rugs and Carpets.

ATKINS, WILLIAM H., D.G.K., Burnside, Conn., Market Gardener.

AYRES, WENFELD, M.D., D.G.K., 112 West 94th Street, New York City, Physician.

CARPENTER, DAVID F., ΦΚΦ, ΚΣ, Reeds Ferry, N. H., Principal McGraw Normal Institute.

CLAPP, CHARLES W., C.S.C., Northampton, Mass., Assistant Superintendent Connecticut Valley Electric Railroad.

DUNCAN, RICHARD F., M.D., ΦΣΚ, Norwich Avenue, Providence, R. I., Physician.

EATON, WILLIAM A., D.G.K., 1 Madison Avenue, New York City, Secretary Stevens-Eaton Company.

FELT, CHARLES F. W., ΦΚΦ, C.S.C., Chief Engineer Gulf, Colorado and Santa Fe Railroad Company, Galveston, Texas.

MACKINTOSH, RICHARD B., ΦΚΦ, D.G.K., 21 Arbor Street, Peabody, Mass., Foreman in J. B. Thomas' Wool Shop.

SANBORN, KINGSBURY, ΦΣΚ, Riverside, Cal., Civil Engineer.

STONE, GEORGE E., Ph.D., ΦΚΦ, ΦΣΚ, Amherst, Mass., Professor of Botany, Massachusetts Agricultural College.

STONE, GEORGE S., D.G.K., Otter River, Mass., Farmer.

'87

F. H. FOWLER, *Secretary*, Boston, Mass.

ALMEIDA, AUGUSTO L. DE., D.G.K., Rio Janeiro, Brazil, Coffee Commission Merchant.

BARRETT, EDWARD W., D.G.K., Medford, Mass., Physician.

CALDWELL, WILLIAM H., ΚΣ, Peterboro, N. H., Secretary and Treasurer American Guernsey Cattle Club, Proprietor of Clover Ridge Farm.

*Deceased.



CARPENTER, FRANK B., $\Phi K \Phi$, C.S.C., Richmond, Va., Chief Chemist Virginia and Carolina Chemical Company.

CHASE, WILLIAM E., Portland, Ore., with Portland Coffee and Spice Company.

DAVIS, F. A., M.D., C.S.C., Denver, Col., Eye and Ear Specialist.

FISHERDICK, CYRUS W., C.S.C., Laplanta, New Mexico, Keeper of Varch Store.

FLINT, EDWARD R., Ph.D., M.D., Q.T.V., Professor of Chemistry, Florida Agricultural and Technical College, Lake City, Fla.

FOWLER, FRED H., $\Phi K \Phi$, C.S.C., State House, Boston, Mass., First Clerk and Librarian State Board of Agriculture.

HOWE, CLINTON S., C.S.C., West Medway, Mass., Farmer.

MARSH, JAMES M., C.S.C., 391 Chestnut Street, Lynn, Mass., Treasurer of G. E. Marsh & Co., Manufacturers of Good Will Soap.

MARSHALL, CHARLES L., D.G.K., 48 Stevens Street, Lowell, Mass., Market Gardener and Florist.

*MEEHAN, THOMAS F., D.G.K., died April 4, 1905, at Boston, Mass., Pneumonia.

OSTERHOUT, J. CLARK, Chelmsford, Mass., Farmer.

RICHARDSON, EVAN F., $\Phi \Sigma K$, Millis, Mass., Farmer; Town Treasurer, Massachusetts General Court, 1904.

RIDEOUT, HENRY N. W., 7 Howe Street, Somerville, Mass., Assistant Paymaster Office Fitchburg Railroad, Boston, Mass.

TOLMAN, WILLIAM N., $\Phi \Sigma K$, 25th Ward Gas Works, Germantown, Philadelphia; address 22d and Filbert Streets, Philadelphia, Pa.

TORELLY, FIRMINO DA S., Cidade do Rio Grande do Sud, Brazil, Stock Raiser.

WATSON, CHARLES H., Q.T.V., Wool Exchange, West Broadway and Beach Street, New York City, representing Wool Department for Swift & Company.

'88

H. C. BLISS, *Secretary*, Attleboro, Mass.

BELDEN, EDWARD H., C.S.C., 18 Park View Street, Roxbury, Mass., Electrician.

BLISS, HERBERT C., K Σ , 14 Mechanic Street, Attleboro, Mass., Traveling Salesman with Bliss Brothers.

BROOKS, FREDERICK K., C.S.C., 49 Washington Street, Haverhill, Mass., Laundryman.

COOLEY, FRED S., $\Phi \Sigma K$, Amherst, Mass., Professor of Animal Husbandry and Dairying at M. A. C.

DICKINSON, EDWIN H., C.S.C., North Amherst, Mass., Farmer.

FIELD, SAMUEL H., C.S.C., Brad Street Mass., Farmer. [Drott - [unclear] - Hatfield & Co.]

FOSTER, FRANCIS H., Andover, Mass., Civil Engineer.

HAYWARD, ALBERT I., C.S.C., Ashby, Mass., Farmer.

HOLT, JONATHAN E., C.S.C., 67 Bartlett Street, Andover, Mass.

KINNEY, LORENZO F., Kingston, R. I., Horticulturist.

KNAPP, EDWARD E., K Σ , 3144 Passyunk Avenue, Llannwellyn, Pa.

MISHIMA, VISCOUNT YATARO, D.G.K., 5 Shinrudo, Azabuku, Japan, Farmer.

MOORE, ROBERT B., $\Phi K \Phi$, C.S.C., 5617 Girard Avenue, Superintendent Lygert-Allen Works, American Agricultural Chemical Company, Philadelphia, Pa.

NEWMAN, GEORGE E., Q.T.V., San Jose, Cal.

NOYES, FRANK F., D.G.K., 472 North Jackson Street, Atlanta, Ga.

*Deceased.



- PARSONS, WILFRED A., $\Phi\Sigma K$, Southampton, Mass., Farmer.
RICE, THOMAS, D.G.K., Fall River, Mass., Reporter for Fall River *Daily News*.
SHEPARDSON, WILLIAM M., C.S.C., Middlebury, Conn., Landscape Gardener.
SHIMER, BOYER L., Q.T.V., Bethlehem, Pa., Mt. Airy Park Farm, Breeder of Pure Breed Stock and Poultry; Real Estate Business.

'89

C. S. CROCKER, *Secretary*, Boston, Mass.

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'96

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'97

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'02

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*Deceased.



- HARVEY, LESTER F., C.S.C., Rumford, Conn., Farmer.
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'04

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'05

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'06

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Marriages

- '92 W. I. Boynton to Miss Mabel G. Carley, at Springfield, Mass., Aug. 8, 1906
- '96 S. W. Fletcher to Miss Margaret Rolston, at Chattanooga, Tenn., June 28, 1906
- '99 H. W. Dana to Miss Adeline Rogers Perkins, at Salem, Mass., Oct. 16, '06
- '01 C. E. Gordon to Miss Ragnild Emily Wettergreen, at Brooklyn, N. Y., Aug. 27, '06
- '02 H. E. Hodgkiss to Miss Emma Louise Knight, at Geneva, N. Y.
- '02 H. L. Knight to Miss Cora J. Stickney, at Gardner, Mass., Aug. 29, 1906
- '02 F. H. Plumb to Miss C. E. Dodge, at Norwalk, Conn., Sept. 17, '06
- '03 S. C. Bacon to Miss Mertie May Young, at Sunderland, Mass., Nov. 1, 1906
- '03 E. M. Poole to Miss Clapp at Dartmouth, Mass., Oct. 31, 1906.
- '04 Z. T. Hubert to Miss Alice A. Hall, at Pensacola, Fla., Sept. 19, 1906
- '04 A. L. Peck to Miss Sara B. Root, at Amherst, Sept. 3, '06
- '05 Bertram Tupper to Miss Ida Bishop, at Bridgetown, Nova Scotia, March 28, 1906
- '05 W. M. Sears to Miss Emma Taylor, at Indian Orchard, Mass., January 17, 1906

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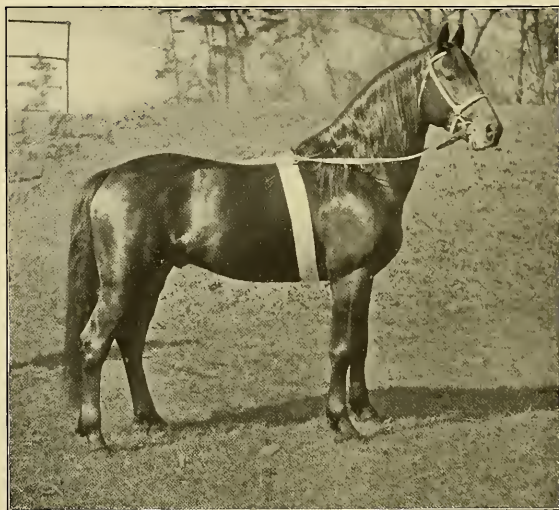
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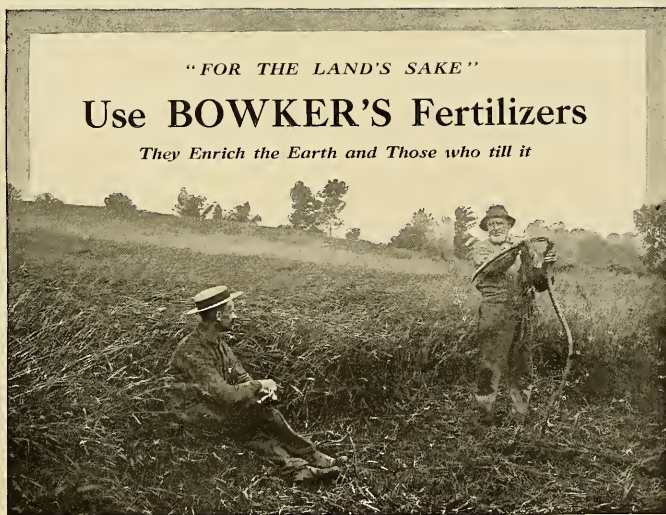
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In the Freshman and Sophomore years of the four years' course the following subjects are taught: agriculture, botany, horticulture, chemistry, anatomy and physiology, zoology, algebra, geometry, trigonometry, surveying, physics, English, French, German, history and military tactics. For the Junior year a student may elect one of the following six courses:

| FIRST SEMESTER | SECOND SEMESTER | FIRST SEMESTER | SECOND SEMESTER |
|---|--|--|---|
| Course in Agriculture { Agriculture Botany Chemistry Geology Horticulture English | Agriculture Botany Chemistry Horticulture Entomology Economics | Course in Chemistry { Chemistry Agriculture Mathematics Geology English Special Subject | Chemistry Agriculture Mathematics Economics Special Subject |
| Course in Horticulture { Horticulture Botany Chemistry Geology English | Horticulture Botany Chemistry Landscape Gardening Entomology Economics | Course in Mathematics { Analytical Geometry Engineering Free-Hand Drawing Landscape Gardening Geology English | Engineering Mathematics Mechanical Drawing Landscape Gardening Economics |
| Course in Biology { Zoology Botany Chemistry Geology Horticulture English | Entomology Zoology Botany Chemistry Horticulture Economics | Course in Landscape Gardening { Landscape Gardening Agriculture Botany Free-Hand Drawing Horticulture Geology English | Landscape Gardening Botany Mechanical Drawing Engineering Entomology Economics |

In the Senior year bacteriology, Constitution of the United States and military science are required during the first semester, and Constitution of the United States and Military

science during the second semester. In addition to these the students must take three courses elected from the following and closely correlated with his Junior year course. Only one course in language can be elected.

| | | |
|--------------|---------------------|---------|
| Agriculture | Entomology | English |
| Horticulture | Chemistry | French |
| Veterinary | Physics | German |
| Botany | Engineering | Latin |
| | Landscape Gardening | |

Facilities for illustrating subjects of study include a working library of 20,000 volumes, properly classified and catalogued; the State collection of birds, insects, reptiles and rocks of Massachusetts, with many additions; the Knewlton herbarium of 10,000 species of named botanical specimens; the 1500 species and varieties of plants and types of the vegetable kingdom, cultivated in the Durfee plant house; the large collections of Amherst College within easy access; a farm of about 400 acres, divided between the agricultural, horticultural and experimental departments, embracing every variety of soil, and offering splendid opportunities for observing the application of science to the problems of agriculture.

Worthy of especial mention are the laboratories for practical work in agriculture, in chemistry, in zoology, in entomology, and in botany, well equipped with essential apparatus. The Durfee plant house has been recently rebuilt and greatly enlarged, and a new tool-house and workshop provided for the horticultural department. For the agricultural department a *model barn* furnishes the best facilities for storage of crops, care of horses, cattle, sheep and swine, and management of the dairy; it includes also a lecture-room for instruction. For the veterinary department a new and fully-equipped laboratory and stable have been provided, where bacteriology and the diseases of animals are studied.

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